BIRD NOTES

1943 - 1944

Amelia S. Allen,

1943.

Jan. 1. Return trip from Boulder Creek. (See 1942)

Jan. 2. Colder. Birds had not been fed for several days but when I put out food several Fox Sparrows and two Spotted Towhees came almost immediately to get the oatmeal. Put out a fresh pomegranate.

In the afternoon I took a walk up Panoramic Way to the stile at the top of the hill. On the south side of the hill there was no wind (from N.W.) and it was quite warm. Birds were very quiet but I checked off the following (2:30-3:30 p.m.):
W. Bluebirds - 9 on electric wires opp. 21 Moorwood. Purple Finch ♂ 2; R-c. Kinglet 7 - quigley; Wrentit 3 prs. Anna Hummer 1 singing, perched on bare branch opp. fuschias (Darter place); 1 heard farther on. Brown Towhees 3 prs.; Spotted T. 2. Thrasher 1 singing (up Hamilton Canyon beyond road.) Sh.-Sh. Hawk, one rose from a low perch, circled up about 100 ft. then flew S. toward head of Dwight Way (No wonder birds had been silent.) Virgo's Wren 2, Hermit Thrush 2, Aud. Warbler 1, Bushtit - flock 50±, Song Sp. 1, Calif Jay 1, Redtail 1, flew to a perch in top of a deodar in Strawberry Canyon - Junco 2, Sparrow Hawk - one, flying, calling: Then perched on electric wire above the stile. 18 sp., 96 ind.

Jan. 3. Some N.W. wind. Warmer than yesterday. At 3:30 p.m. J.T. and I walked to the top of Panoramic Way. Additions to yesterday's list: Flicker, 2± Crowned Sparrows (above switch-back in Hamilton Canyon. 3 sp. 2 c.) Coast Jay. Robins were flying high at mouth of Strawberry Canyon. Redtail + Sh.-Sh. seen

Jan. 3 (cont'd) As we passed 21 Rosewood two Anna Hummers were buzzing about, very close together. Finally one alighted on the roof of the garage, the other flying at it. We could see flaming red on only one and judge it was a pair.

Jan. 5. Slightly warmer. A walk to the Mann place in Hamilton Canyon at 4 p.m. Saw a flock of 8+ quail in the last garden above the road. Saw only 1 Aud. Warbler and heard only 1 Rc. Kinglet. A Varied Thrush was taking berries from the toyon bush in the Hutchinson garden at the mouth of Strawberry Canyon.

An animal (O'possum?) took the pomegranate last night. I heard him about 3 a.m. pushing the abalone shell about (I had left it with oatmeal on the porch floor.)

Jan. 8. The wind has been blowing down the canyon since Jan. 3. Birds have come for food between gales.

Jan. 9. Quiet and warmer. I hung the abalone shell higher and filled it with oatmeal and swept out the pool. Birds came immediately and are much more easily seen now the shell is not covered by ivy. Fox Sparrows, Spotted Towhees, Song Sparrows. Never any quail.

Jan. 10. When we took a walk in Hamilton Canyon we saw two Cooper Hawks soaring high above the trees. Wired a pomegranate on bird branch.

Jan 11. Dense little fog. James heard a Red breasted Nuthatch near Mrs. Overstreets at mouth of canyon. a.m.

Jan. 12. Faculty Section went to Mrs. Jorg's. Heard Cornell bird records. Clear, warmer.

1943

Jan. 12 (contin). At 4 p.m I walked up Hamilton Canyon to switch back. An Anna Hummer ♂ was perched on the electric wire in the usual place. I watched him for 10-12 min. In that time I saw him fly off three times. The first time he flew high to the top of the hill, apparently to Dr. Hoyt's garden - Returned, sang, preened about three minutes. Then he flew directly to the red-hot poker just under the upper section of the road (running west) fed there several minutes and returned to perch. Preened about 3 minutes. Then he flew toward the acacia and Eucalyptus trees to west. I could not follow him as I was looking toward sun.

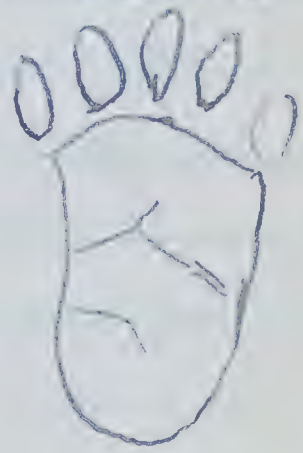
Saw one Cooper Hawk, soaring.

Only birds singing; Anna Hummers, Wren-Tit, Song Sparrow. Sparrow Hawk (top of hill)

Jan-13. At 2:30 p.m. I walked up Hamilton Canyon to the switch back. Weather beautiful, warm, sunny. In Strawberry Canyon (Mosswood Rd) I noticed 2 R-c. Kinglets, 2 Fox Sparrows, 2 Calif Jays, 1 Hermit Thrush, 1 Anna Hummer. On the front of the hill four linnets. In Hamilton Canyon: 3 Flickers, 1 Anna Hummer on same section of wires - Seemed to catch insects near the wires. Heard whistle of towhee several times. 2 Cal Jays, 8-10 Quail (bottom of canyon), 6 Wrentits (one pair very near main brush, Crossed road) 2 songs in distance; 2 Vigors Wrens, 1 Kinglet, 2 Hermit Thrushes, 2 Aud. Warblers (front of hill), 1 flock Bush-tits. 1 Br. Towhee, 2 Spotted Towhees. On Sparrow Hawk on wire at top of hill (where it was perched Jan. 2.) Call of flicker: a-week-ah, a-week-ah

Digitized by the Internet Archive
in 2017 with funding from
CLIR

https://archive.org/details/birdnotes00alle_6

Jan. 13 (contin). When I went out to feed the birds about 8:30 a.m. I heard a Wren-tit, a Virgin's Wren and a Hutton Vireo singing.
Birds that came for food: 8 Fox Sparrows, 2 Sp. Tow.
The pomegranate I wired to the branch on Jan. 10 was gone except for a piece of skin hanging on the wire. A large piece of the skin and some seeds were on the floor of the porch and there was enough dampness to show the tracks of the animal that had taken it.
It measured about two ~~or two~~ and a half inches in length & 
thirds. (Opossum?)

Jan. 14. Still beautiful weather. No wind. Not too much fog. Birds eager for food: 6-8 Fox Sp., 3 Sp. Towhees, 1 Song Sparrow. A Hermit Thrush came to bathe. At 1:15 p.m. 6 thrashers bathed thoroughly twice. First time I have seen him there this year. 2 Song Sp. singing 10 a.m. - 1 east of house, 1 SW "
At 1:30 I walked to Hamilton Canyon - Many more birds than yesterday. Buds on almond trees swollen. Acacias full bloom.
Mossewood and Panoramic outside of canyons:

Aud. Warbler III
Anna Hummer 1 (Hutchinson garden upper)
Purple Finch III - one in pairs gave song call.
Calif. Jay - 5 (along steps)
Linnets 12 - small groups.
Wren-tit - 1 pr. Price.
Brown Towhee 2.
Fox Sparrow 1 calling (Lawton)
Bush tits (flock) south of Panics -
Robins 2+ calling "

(over)

Jan. 14 (contin.)

Br. Towhee – 4 prs.
Virgin's Wren – 1 singing
Hermit Thrush – 3–
Calif. Jay 3
Anna Hummer
on same perch.
Towhee 3 times
over first oak E.
Quail 4 ± in garden
later in brush beyond
Wren-tit. at least 5 pr.
2 ♂ sang –
2 ♁ "

Spotted Towhee 4.
Purple Finch 2 up hill.
Thrasher – one crossed
road near hummer's perch
went up hill under brush
Siskin – 2 flew over.
Coast Jay 3 – below road.
Song Sp. 3. 1 above Main
1 below M sq. 1 near
H. summer's perch sang.
Linnet 1 flew over
G-c Sp. 3 in brush above
Fox Sp. 2 " " "

At 5:30 p.m. I walked down to the W. F. C. to dinner. In the large trees west of the academic there were many robins and a flock of 20± Cedar Waxwings. A hedge of hawthorne is full of berries, no leaves, but there was no sign that they were being eaten.

Jan. 15 J. T. and I walked to the top of the hill via Panoramic. Birds very scarce in the lower canyon. A Cooper's Hawk flew over and just after I stopped looking at him through my 8x I heard the call of a Sparrow Hawk calling. So I looked again and found the Sp. Hawk darting at the Cooper Hawk from above. Later we found the Sp. Hawk on his usual perch above the stile at the top. He kept his eyes on the ground and occasionally dropped to catch something

Sand Rail soaring.

Two thrashers were singing in the canyon (Main)

Jan. 17. Heavy whitefrost in morning after a clear night. Air sharp all day in spite of clear sunshine. In the afternoon 2:45 J.T. and I walked up Panoramic to stile and then south on road toward the rocks above the end of Dwight Way. Chilly one or two spots shelters from the cold breeze. Several Hermits and thrashers in the brush at the top and I heard one goldcrest. Redtails only hawks seen.

Jan. 18. Still colder. Clear. Heard a Rufous-crowned Sparrow up hill from the Panoramic Switch-back. Wren-tit only song heard.

Jan. 19. North wind ended. Chilly, overcast. Walked to Panoramic Switchback at 3:30 p.m. I was surprised at the abundance of birds: 1 Sh-Sh. Hawk Hermit Thrush 7; Robins 10+; G-c Sparrows 3; Linnets 10+, Purple Finch 5. Audubon Warbler 4, Thrasher 1, singing; Wren-tits 3 pers., Coast Jay 1, Anna H. (hovered once), Flicker 2, Knight 2, Sf. Towhee 3+, Brown Towhee 2+, Fox Sparrows 1+ Several of the H. Thrushes, and all Robins and Linnets and Purple Finches were at the mouth of Hamilton Canyon where a pyracantha furnished berries in Darby garden and toyons below the acacias still have berries. G.c. Sparrows were seen in a brush pile below the road and also eating pyr. berries. The hawk was perched on the electric pole near the usual perch of Anna H. but the latter was not seen. After the hawk left I heard the hummer down hill, whistled once. Many willows out. Acacia and Eucalyptus in bloom. Below the switch-back many birds were scratching - Sp. T. & Fox Sf.

Jan-20 Very heavy storm with S.W. wind. (X Rays)
Jan. 21. P.T.A. Lunch Rob's Mitchell's " " During
an intermission with no rain kept back wind
we walked to usual on Panoramic. Very
few birds seen or heard. One birch tree (Hutchi-
son place) broken off; one acacia leaning
badly - many large and branches broken.
Jan. 23. Still stormy. Walk to Switch back on Panoramic
1 Cooper Hawk, 1 Aud. Warbler, 1 Wb. Goldfinch, 1 Sparrow
1 Sp. Towhee, 2 Br. Towhees, 1 Song Sp. No Anna Hummer
at home. Many Fox Sparrows and Sp. Towhees,
with frequent fights near food. Two Coast Jays also.
Jan. 24. Same walk but birds very scarce except
Panoramic at top of Orchard Lane and south;
Two close flocks 20± Juncos; one wire Junco;
Robins - Rained last night 4:45
Jan. 25. Still raining. Walk at 4:15. Birds seen
Sparrow Hawk - flew down from top of hill,
across to eucalyptus, head of Dwight Way,
then west and back up the hill - sporting in
the strong south wind.
Anna H. on the usual wire - left when the
hawk appeared.
Flicker - one calling. Hutton Vireo - 1 Calling.
Bush-tits - two flocks - one gave alarm when
hawk flew over - Other at Ratcliff place.
Hermit Thrush - one heard. Audubon W - 3.
Wren-tit - 3 (single - one gave song of female)
Calif. Jay 4. Coast Jay 1. Wb. Goldfinch 1
Purple Finch 1, Brown Towhee 1, Sp. Towhee 1.
Fox Sp. 1, Song Sparrow 1 singing. 16 sp.

At Table: Two coast jays. Hermit Thrush + Fox Sp. Sp T

Jan. 26. Rain. A Titmouse gave its spring song.

Jan. 27 Clear a.m. Cloudy p.m. Song Sp. singing

Jan. 28 Rain part of day.

Jan. 31 - Feb. 3. Clear. Crisp. On Feb. 3 I walked at noon to the W. Fac. Club and returned at 2 p.m. Songs heard Titmouse, Robin, Linnet, Song Sparrow. On the way home I went through Infirmary grounds to Piedmont then below Stadium to Prospect, up Panoramic to Norwood. Saw; 3 Cal. jays, 1 Fl. Bush-tits, 2 Wrentits, a few Robins (3-6), 2 Hermit Thrushes, 6± Linnets, 7 Brown Towhees, 1 Spotted T. 8 Juncos, 2 Song Sparrows. (No And. Warblers) 7 G-c Sparrows.

Feb. 4 Raining.

Feb. 5 Clear, warmer. In the afternoon there were two Brown Towhees, one bathing, at 3 p.m. They have been missing through January - A Calif. Jay was taking food in morning + Fox Sp., Sp. T., H. Thrush, Song Sp.

Feb. 6. This afternoon Brown Towhees again near Table; a Titmouse bathing - (heard near Bowl a.m. wetting)

At 4 p.m. walked to Mann House and back (H. Canyon) Noticed 1 B Anna H. one usual perch; 1 Fl. 2 Calif. Jay (front of hill) 1 Fl Bush-tits (one in front of hill) (one of 30 in H. Canyon), 1 Wren-tit, 2 R-c Kinglets, Linnets in almond trees). Pine Siskin (ear.). 1 Fox Tow (heard). Clear, warm

Feb. 7. Began to rain in night. Walk to Mann House 4 p.m. Cold S.W. wind. threatening rain. Very few birds: Anna H. (usual perch), 2 Cal. Jay, 2 Fl. Bush-tits, 1 Wrentits, 1 Calif. Thrasher singing, 1 And. Warbler, 3 Purple Finch, a few Linnets (at mouth of Hamilton Canyon) 1 Sp. Towhee, 4 pr Brown Towhees

Feb. 7. (contin.) Juncos came to feeding table (first time)
Feb. 8. Rain. Cold. Cleared at night.
Feb. 9. Heavy frost. Clear, cold day. Wind fr. East.
Walked p.m. up to top of Panoramic pavement.
Birds not ab. Allen H (usual perch), 2 Flickers, 1 Cal. Jay,
1 ff. Bush-tits, 2 Wrent-tits, 2 Vigors Wrens, 1 Calif. Thrasher,
2 Hermit Thr., 1 Varied Thrush (under acacias), 1 Robin,
1 R-c Kinglet, 1 Spotted 2 Sp. Tow., 4 Br. Tow., 1 ♀ c Sp. (Lab),
Feb. 10. Heavy frost. Warmer p.m. Walked to Main house 3:30-4
Heard explosive whistle of Anna H. before I reached his
perch, nine times; later as I left I heard another
series, both times on hill opposite his perch. 1 Cal. Jay,
1 ff. Bush-tits, 4 Wrent-tits (1 pr. song of ♀ then ♂) 1 Vigors Wren,
2 H. Thrushes. A flock of 40± robins eating cotoneaster berries
at Hutchinson residence and perching in Mont. pines.
Notes of many Varied Thrushes at bottom of Hamilton Canyon.
A flock of Finches in the pines singing. Watch winding note
heard once. 1 Sp. Tow. whisper song, with robins. 3 Br. Towhees,
ff. juncos in the pines, one picking up food from pavement
Mossrock Rd. 3 Song Sparrows singing.
Each evening since Feb. 7. I have noticed a Song Sp.
slipping into the Eugenias at the front door of W.F.C.
at 5:30 p.m. Tonight a pair was on the lawn.
Feb. 12. East wind - Warm. Walk to Main House - Birds in
Str. Canyon (Mossrock Rd. & mouth of Canyon) increasing.
1 Hutton Vireo (upper Mossrock) singing; flock of Bush-tits.
flock of Finches. (Cotoneaster berries gone. No robins)
In H. Canyon. Anna H. Towering; Calif. Jay (1 running)
Vigors Wren 2 (1 sg.), Wrentit 5 prs. many songs;
Calif. Thr. 2 sg.. Hermit Th 2, Varied Th. 1 (eating berries
at Baxter place, flew across to eucalyptus); 2 R.C. Kinglets,
1 Hutton Vireo sg. Finches singing. Towhees 1 pr..

Feb.

Feb. 20.

Bird Boxes. 1. I cleaned the lower box (titmouse box).

2. I repaired the upper box and moved it to the garage.

3. J. T. made hole of flicker box smaller and put it up under the N. W. porch.

Feb. 24. A Hutton Vireo called "bee-yerk" 82 times in one minute. Then softer twee-eet a few times. Just beyond lower nesting box

Feb. 12 (Contin) 3 spotted Towhee 1 sp. whisper song; Br. T. 3 prs.
1 Song Sp. singing. Oak woodland
Usual birds at feeding table (Juncos came only one day)
Call of Hutton Vireo in distance like "loud peep of chicken"
(Hoffman); near by "zweerk, zweerk, zweerk."
Feb. 13. Very warm. Light breeze from east. Many
insects in the air.
Feb. 14. A Sparrow Hawk perched on top of an
electric pole in Hamilton Canyon held
some animal or small bird between his toes
and pulled it to pieces. By going above the
switch back at the Mann place I could
look at it from the level but could
not make sure it was a bird. When he
flew he took his catch in his talons.
Feb. 16. The Faculty group walked from the
end of Prospect St up Strawberry Canyon
(Canyon Road to No. 55 then up the hill to
our house. Then we walked via Moorland
to Panoramic and into Hamilton Canyon.
Feb. 17-20. Spring weather. Blossoming trees along streets.
Same birds come to feeding table. Robins
very numerous along road across campus.
eating cotoneaster berries (crop full?)
Hutton's Vireo
V. Warbling
S. Sp. Black Phoebe
Purple Finch
Black Phoebe
Feb. 21. It began to rain during night and this
→ morning a Lutescent Warbler is singing across the
road.
Feb. 22-25. Heard Lut. Warbler in same place every
day. Other birds as usual. Pur. Finch
singing, sometimes rolls voca; or full voice.
Three syl. call also. Raining. Chee juncos
A Varied Thrush in bay tree next to N.W. porch

1943

Feb. 26. When I stepped outside (cold rain) the Lutescent Warbler and Hutton Vireo were singing across the road East of 38 Norwood. Oak leaves have been falling and now the new leaves are beginning to come out (a few) A flock of juncos at table or pool all day. Hermit Thrush eats oatmeal or Chipped rye soaked in bacon fat At 6 p.m. Great numbers of robins eating berries at U.C. Infirmary. also in pine tree. Some Cedar Waxwings too. There is a hedge of hawthorne next to the wire fence below stadium next wall. It has been full of berries. About half gone and robins taking them as we passed.

Pygmy Nuthatch 2 yg. S.W. corner of Stadium with unusual song.

Feb. 27. Juncos, H. Th. 2 yg. Tow. Fox Sp. at table.
Feb. 28. Walked to Mann House. A Rufous-crowned Sparrow came several times to a post above the upper lap of Panoramic and called and sang. Calls - mew like a small kitten; zee, zee, zee, zee, zee, zee Very high pitched

Song. ~ - ~ - ~ ~ ~ - Very light.

Near stadium (S.W) a flock of brush-tits was bathing in a tiny pool where an hydrant was dripping. A robin came to pool also.
A flock of Crowned Sp. near by (9a.?)
From Norwood Rd. (dusk) we could hear a Pt. Horned Owl calling toward the Cyclotron.

1943

Rugetensis

Unusual song of ~~Nuttall~~ Sp. at S.W. Cor. Stadium.

Mar. 2. Beautiful spring day. A large flock of Audubon Warblers in a large oak tree east of the Infirmary. Kinglets increasing.

Mar. 3. Stormy with east wind. A Lutescent Warbler is singing most of the hours. New leaves are coming out on the oaks. Juncos at the table - 8-10. Purple Finch, Hermit Thr. singing.

Mar. 4. As I sat eating dinner at the W.F.C. I watched Varied Thrushes feeding along the banks of Strawberry Creek. I could see six at once. Still stormy, colder.

Mar. 4. Raining. Flock of Bush-tits very small. Cedar Waxwings and Robins still thick near Infirmary but berries getting scarce.

Mar. 5. Very gloomy. Raining. Lutescent Warbler and Vigors Wren singing. On way to Oakland a.m. I heard Song Sparrows and Titmouse singing. In Hamilton Canyon ~~a~~ a Sharp-shin (or Cooper) was rising in Spirals when a Sparrow Hawk darted at him. Then a second Sharp-shin appeared. Both Sh. Sh. disappeared in the cloud and the Sp. Hawk returned to the top of Panoramic Way. Another Sp. H. was soaring in the wind and dropped to the ground at the hill above Dwight way - 3 strong winds S.W. Anna H. still on her perch.

Mar. 6-10. Almost constant rain, no wind. Lutescent Warbler continued to sing - most of the time across the road. Also Purple Finch, Vigors Wren Song Sparrows.

March 11 - Cloudy - warm. I have heard no winter
Wrens since Jan. 1 but one sang repeatedly
below the east pool. After 7 p.m. I heard
him sing again. 7 a.m. he gave also a
rattle - quite loud that I do not remember
having heard.

When we walked down to dinner at the W.T.C.
there was a pair of titmouse just below the
stadium in the hawthorne hedge, male
singing, female giving a soft single note. A
Hairy Woodpecker in a locust tree at end of
Piedmont Ave, a Sparrow Hawk calling.

After dinner we walked up the road to the
Stadium Rimway. Many Robins singing
and feeding in olive tree at Bowles Hall.
Quail picked up olives on the ground and ate
them. Accipiter Hawk over Stadium.

> Mar. 12. Cloudy. At 11 a.m. we started to Boulder.
first time since New Year's day - At Alvarado
Pools: Pintails and Coots, a few Blk. Phoebes.

On return trip Mar. 14, many Violet-green
Swallows. Meadowlarks singing. Redwings courting
Dumbarton Bridge: Blue bills everywhere 1000+
They were not diving but feed by putting their
heads under water - in salt pools, even the
first one. Many Grebes. 200+ In the last pool
Eared Grebes 200-300. As tide was out there
were many fine shore birds in the salt pools.
They were at the high tide line - Godwits and Willets -
Smaller birds on the mud Red backed Sandpipers
and others (not identified). No swallows.
1 W. Grebe on bay -

Mar. 13. Boulder Creek. Varied Thrushes flew up along the road as we drove out on in-very at. Many Bandtails seen - In Brookdale 24± were on the ground beside the road and flew up as we came along - others in Ben Lomond and at our place. An Allen H. seen in Mt. Hermon.

Mar. 14 - On the way home at Milpitas J. T. A. saw two Burrowing Owls - both on same fence post. Rained last night at Boulder. Clearing. Colder

Mar. 15. ~~Cloudy again~~. A Winter Wren sang below the clothes line terrace. Clear, cold. Light frost a.m.

Mar. 16. Cloudy, warmer. A Hutton Vireo calls constantly in woods just east of the lower nesting box.

Mar. 17. Raining hard. Lutescent Warbler sings constantly across road or in deciduous oaks next us - No others heard on the hill.

Mar. 18. Clear, cold. Light frost. I took a morning walk (10:30-12), first up to the end of Mossrock Rd. A number of Allen or Rufous Hummingbirds were darting about. The whistle at the bottom of the pendulum was prolonged and not as loud as Anna. One I think was a Rufous N. A pair of Bush Tits in deciduous oaks, one collecting lichens. They nest high in street live oak. One W. W. Wren was singing and 1 Vigors Wren. Several R-c Kinglets singing; two Hermit Thrushes. 1 Red b. Nuthatch opp. 29 Mossrock Rd., a Hutton Vireo singing east of house; 1 Lutescent W., a Purple Finch singing; Juncos, Fox Sp., Sp. Towhees, Song Sp. at feeding table (Nuttall's Br. Towhees) ~~Down~~ Mossrock Rd. & mouth of Canyon to N. Canyon- 5 Calif Jays, 2 pr Bush Tits, Anna H., pr. Wren Tits, Red b. Nuthatch at fruit of cypress trees (Ratcliffs'), R-c Kinglets, 3 Linnets.

Mar. 19. H. Canyon. 10:45 a.m.

Sp. Hawk. Flicker 4.
Anna H.
Allen (or Rufous?) H.
Coast Jay 1
Calif Jay 5.
Bushtit 2 grs.
Virgin's Wren 1
Wren. tit 1 sp.
Thrasher sp. (distance)
H. Thrush 1
R-c Kinglet sp. 2.
Hutton Vireo sp. 1
Lut Warbler sp. 1
Aud. Warbler sp. 1
Brown Towhee
Song Sparrow 2.
Purple Finch sp.
Linnet
Scales pl. sp.
Juncos sp.

Mar. 23 Spring day.

W.V.
R-C. Kinglet 3
Fox Sparrow B-10
Townsend Warbler fl. sp.
Hermit Thrush 1
G-c Sparrow fl. sp (Pine Way)
Red-br. Nuthatch (mts. Parson's pine tree)
S.V. Lutescent War. 1 (M.R.
Allen Hummer ♂
W. Flycatcher 1 (Mus.

Per. res.

Virgin Wren 2 Mocks Rd-2 Pan-Tahoese 1♂ (lower box)
Calif. Jay 5, Coast Jay 1
Bush-tits 3 pr. Wren-Tit 6.
Anna Hummer (one each)
Linnet 3+ fl. Purple F. 7.
Scales 3+ fl. Sp-Towhee 4,
Br. Towhee 4. Juncos 6+sg. Song Sp.

Mar. 18 (contin) Siskins (large fl. Eucalyptus), 10+ ♀-c. Bfs. eating willow Tassels; Brown Towhee (few), 1 pr. Sp. Tow., 2 prs. Song Bfs., Juncos eating blossoms of Cypress.

Hamilton Canyon: 3 Flickers (counting), Anna H., 1 Calif. Jay, 2 Coast Jays, Allen (or Rufous) Hummer, 3 Jays., Bush tits, 3 prs. Wren tits, 2 pr. Virgo Wrens (sg.), 1 Thrasher (distant) 3 Lutescent W. singing; R-C Kinglet 2 sg., Gold. Warbler (1), Br. Towhee, 4 ♀-c Bf., Purple Finch (2 sg.), Siskins (fl. sg.) Song Bf. 2 sg.

At 7:15 p.m. we walked through the Infirmary grounds. A flock of 12+ Jaid burst out of a small tree where they had settled to roost.

March 19. Cloudy. Still chilly. A Townsend W. was singing near the house. Heard a W.W. Wren sing again.

March 21. Cloudy, Chilly. At 9 a.m. there was a big flock of Townsend Warblers singing near the east pool. At the same time Lutescent W., Virgo Wren, Song Sparrow. Both jays came for fat.

Mar. 22 W. Flycatcher near house. Beautiful weather. Townsend Warblers, Juncos.

Mar. 24. Early fog, clearing 10:30 a.m. Lady Birds went up Strawberry Canyon. A Cooper Hawk was perched in a tree on the Bot. Garden Road. Flew, rose in spiral, then joined by a second which came together several times (counting 2?) (No Jaid.) Anna Hummer, (Allen or Rufous heard), Flicker (1 or. calling), Black Phoebe (pair) Coast & Calif. Jays, Towhees (1 or.), Bush tits prs. ab.; Wrentits. Virgo Wren singing (many), (W.W. Wren sang above Swimming Pool, Hermit Thr (not ab.), R-C. Kinglet, 1 or. sg., Hutton Vireo (1), Lutescent W. 6 + spaced. sg., Gold. & Town. W. sg., Pil. W. above Swim. Pool, Calif. P. Finch ~~Linnet~~ Siskin, Sp., Br. Tow., Juncos, Nuttall Sp. (Bot. Gar.), Song Sp. ab. sg.

"Birds in Retrospect" at Cooper Club.

March 25. Warm, clear. Warbling Vireo near house, sq.

March 26. Many Town. W., juncos. Snipe(2). Song Sp. & Junco eating worms. Fox Sp. singing

March 27. A second male Lutescent Warbler came in and was chased constantly in morning by the one that has been established since Feb. 21 and has a mate. Finally it was singing in p.m. west of the steps across Mosswood Rd. Many T. Warblers and juncos eating worms - Sq

March 28. W. W. Wren singing (twice) under my window. Heard no Fox Sparrows. Cloudy.

March 29. Saw two Fox Sparrows near pool. In late afternoon a Song Sp. perched at feeding branch a long time - no competition. Shell still full of oatmeal put out in morning. Heavy rain with wind a.m. Clearing p.m. Chilly wind.

The second Lut. Warbler sang repeatedly in woods east of house below our place. Now heard west of steps above road.

March 30. Partially foggy a.m, clear warmer p.m.

At dawn: Hermit Thrush & Fox Sparrow singing. "Allen Hummers" had their first trip (Spring) from Stadium to Botanical Garden. Birds very abundant, singing. At south end of Stadium - 3 Sp. Towhees, Anna Hummer 6, 2 quail (seen by Mrs. King below stadium), Titmouse (Pied Boe.), Bushtit (pr.) wrentit pr Lut. Warbler (east side), Linnets, Siskins, Brown, Sp. Tow., 2 Song Sp. Up Strawberry Canyon. (No quail, W Flyc.) 1 Anna H. (Bot. Gar.) 1 Flicker (H), 1 Redtail, 3 Black Phoebes, 2 at Sw. Pool, 1 Bot. Gar.; 1 pr. Coast Jay, Bushtits 4 prs. Titmouse, 3 U. Wrens sq., 4 pr. Wrentits, 5 Rubyc Kinglets, 4 Lut. W., 5 Pil W., Large fl. Town. W. sq., 2 Warb. Vireos, 1 Gold. 6+ fl. Pur F., 6 Sp. Tow.

1943

Mar. 30 (contin) 3 Br. Tow., 4 Juncos (fl.), 1 Song Sp. ag-
At home. W. Flycatcher. 2 Lut Warblers. Virgin's Wren (pr. at
lower box), 3 fp. Towhees. Fox Sp. Song Sp.

Mar. 31. Perfect spring day. The first note heard in the morning
was the "Kek-kek-kek" of a Cooper Hawk. Then next the
song of the Hermit Thrush repeated over and over
at different pitches. Later the Fox Sparrow. For some
time I have heard a "k-k-k-k-k k-k-k-k-k"
that second lower in pitch, in woods east of house. Is
it another hawk call? Ruby-cr. Kinglet singing.
Judging from call notes the W. Flycatcher has a mate, west
of house. P.M. Several G-c Sp. (mourning) at pool.

April 1. Beautiful day. I heard the Cooper Hawk
several times a.m. and feel pretty sure he gives both
calls (Mar. 31). At 4 p.m. Audubon Warblers
were singing in oaks north east of house.

April 2. At dawn the Lutescent Warbler was first to
begin singing. Then the Hermit Thrush. I counted
and found he sang his phrase 93 times with no
breaks. Counting two phrases to a song that would
be 46 songs but there was no break between.
At 9 a.m. a House Wren was singing near bottom of
Canyon (heard from N.W. porch.) Many Aud. Warblers
singing. Brown Towhees picking up food on pavement
above house. Large flock Bushtits. Lutescent W (No. 1)
sings from perch higher above road. No. 2 " " (Mar. 27)
sings from deciduous trees (leafless) west of steps.
P.P. Warbler at end of road.

Apr. 3. Hermit Thrush singing at dawn.

Apr. 4. Hamilton Canyon: A flock of Aud. W. in acacias ag.
A flock of Townsend Warblers in live oak ag.
2 Western Flycatchers calling. (No sing. or correct Sp. of
Kinglets detected.) At our pool 12:30 p.m. White-crowns (J.T.A.)

Apr. 4 - A male Pil. Warbler at east pool; a female opp. garage. Fox Sparrows singing a.m. Flock of siskins p.m. A few robins have been seen picking up worms. W. Flycatcher looks for spiders (or web) at N.W. porch (J.T.A.)

Apr. 5. Rained all night. Saw no Fox Sparrows until 5 p.m. when one came for food - Heard others - calls or songs. Saw H. Thrush, ♀ Pil. W., Aud. W. at pool. Audubons singing. Clear late p.m. - (On way to dinner we found the White-crown (Pugedeus Gambeli) with the unusual song (for Berkeley) perched on a wire on Piedmont Ave. beyond Prof. Noble's house. The song has the first and last notes very vibrant ~~~ - - - ~~~

From Feb. 26 at intervals this song has been heard as far S.W. as the S.W. corner of Prid. T Bancroft, forward east to S.W. corner of Stadium.

April 6. Beautiful weather. "Allen Hummers" walked up Strawberry Canyon and back by the trail to the top of Panoramic Way. Birds were very ab. At the south end of the Stadium a W. Bluebird perched on one of the brass balls at the top of a flag standard. Two Rough-winged Swallows perched on the wire near the Deodar in the grass plot, flew several times, returned to the same perch. Also Anna Hummer ♂, Calif. Jay, Linnet (fl.), Purple Finch, Siskins, Y-c Sp. (fl. sg.), Song Sp.

Canyon: Quail a few heard below trail near head of canyon; Allen H. (or Rufous) - pendulum note often heard, drawn out, thin. Two seen, rufous all over, no iridescent feathers on throat white band below. Acted as female Allens do near nest but too much rufous for females. Could they be young (1 yr. old) male rufous?

April 6 (contin.) Anna ♂, explosive whistle heard twice. Black Phoebe pr. at Swimming Pool. W. Flycatcher (5), Brush Tit pr. Titmouse 4, Vigors Wren very ab. 12+, Wrentit very ab., Hermit Th. 1, Robins (in spots) (no knights), Hutton Vireo 3, Warbling V. 6, Lutescent warbler 12+ sg.; Pil. Warbler 12+ sg.; Aud. Warbler 2 fl. sg. Town. W. 1 fl. sg.; Tolmie W. 1 (trail). Purple F. ab. sg., Linnets (spots) 4 Gr. Goldfinch 1 (top of trail), Siskin a few, Juncos low. common, Chipping Sp. 1 south edge of Bot. Gar., Brown Towhee in many places, Sp. Tow. ab. Song Sp. very ab. 10+. Kenwood Rd. Red. Nuthatch, So many warblers etc. that it sounded like an aviary. Robins come for worms.

April 7. Birds very ab. esp. warblers - Large flock siskins. Rain in evening. The Nuttall Sparrow with the special song was at the north end of the stadium at 7 p.m. The complete in middle not slurred but staccato. Rain all night.

April 8. a.m. Cloudy, cold. Clearing p.m. - cold wind.

April 9. Clear. Chilly. Heard "chuck-chucks" of Hermit Thrush at dawn. No Fox Sparrows. A Vigors Wren sings but I hear no answering calls. W. Flycatcher near N.W. porch. Purple Finch (sg.), Siskins, Juncos heard in Trees. Mrs. Hadley reported a Grosbeak in her garden.

Apr. 10 Warm. I could hear a Tolmie Warbler singing beyond the end of Kenwood Rd. Purple Finches. And Warbler eating worms in oaks, singing. Robin picks up worms on ground Brown Towhees within hearing now.

Apr. 11 (Sunday) Sunny. At 10 a.m. I listened to the birds from our house & the end of Kenwood Rd.: Flicker. W. Flycatcher, Coast Jay (3 very noisy), Brush-Tit 1 pr., Wrentit (1 pr), Vigors Wren 1 sg., Thrasher 1 sg. beyond end of road. First time this spring I Robin ab. Hermit Th. sg., Hutton Vireo (1 sg.), Lut. W. 1 sg. (Feb. 21) Pil. W. 1 sg., Aud. W. fl. sg. full pl., Purple Finch ab. sg., Siskins ab. sg.,

1943

Sp. Towhee (2 pr.), Brown Towhee (have come in for worms? or warmer?) Junco fl. sq., G-c Sparrow sq. Puget Sd. Sparrow (sq. at bottom of canyon — ww —. Song Sparrow. Red-br. Nuthatch in junco west of house. 12 sp.

In Hamilton Canyon - fewer individuals. First time: Grosbeak, House Wren. Also Anna H., Flicker, Lut. Warbler, Brush-tit (1 pr), Wrentit ab., Thrasher (1 sq. once), Lut. Warb. Aud. W. Oregon Wren, Purple Finch, Linnet, Sisiun? Sp. Tow., Br. Tow., Junco, G-c Sp., Song Sp.: 18 sp.

In late afternoon a male Thrush gave its whistled call from the Rec. Bldg. S. of W.F.C. Also 1 or 2 Red. Ave and one seen N. of International House (flock broken up?)

Song of Song Sparrow: ♩ ♩ ♩ ⌒ ww ⌒ —

Audubon Warbler: — — — — — (no accent)

April 12. The same birds in abundance near the house plus Warbling Vireo. A group of G-c Sp. came to the pool. Also two or more Fox Sparrows, very shy. None came for food.

April 13. Faculty group walked up Str. Canyon, return by trail to the top of Panorama Way. Foggy. At the S. end of Stadium - a Rough-wg. Swallow. Several Swallows flew over as we walked up Canyon Rd. No grosb anywhere. Birds very ab. and singing. W.V. Resb Nuthatch, Hermit Thr. 1, Fox Sp. (call notes in trail) Puget Sd. Sp. G-c Sp. (Aud. W. in afternoon).
S.V. W. Flycatcher (a pair), Allen H., W. Vireo ab., Lut W. ab. Pil. W. ab. Tolmie W. (2 single sg. + group head of canyon), Bh. Grosbeak, 5.

April 15. The White crowned Sparrow which was heard singing at the S.W. corner of the Stadium on Feb. 26. Mar. 2, Apr. 5 (and many times between) sang also in the garden of the Fraternity House on Bancroft & Piedmont and along Piedmont Ave to the N.W. corner of the Stadium. It always sang from a prominent perch at tip of a small tree or on an electric wire and seemed not to be connected with any flock. I supposed it was a breeding Nuttall with a peculiar song but it disappeared about April 15 when the Puget Sd. Sparrows (in flocks at bottom of canyon) disappeared after a few days of singing. So I suppose this was after all a Puget Sd. Sparrow instead of a Nuttall with an individual song. The song was certainly much more like that of Pugetensis.

Apr 14 Cloudy. Chilly p.m.. Quite a dawn chorus. Sp. Towhee(part) Lut. Warbler. W. Flycatcher, Song Sp. 1 Vagos Wren.
During the day Crowned Sparrows (4 C. Pairs) and Fox Sp.
Worms eating the leaves. droppings ab. Grosbeak across canyon.
Apr. 15. Thrasher and House Wren singing east of house.
Rain. Large flock of siskins in Welcomes redwood Purple F.
Ranch-mg. 5 or. on wire s. of stadium
Apr. 16. Went to Boulder Creek, Cloudy. Clearing later.
Alvarado Pools – not much water Apr. 16 + Apr. 18.
Coots ab. Yellowlegs(3), Shoveller a few, both dates.
Apr. 16 (only) Baldpates ab. 1 Burrowing Owl (on clod)
(Apr. 18 (only) 4 p.m. Avocets 4, Bluebills a few, Cin. Teal 3,
Bb. Plover a few, Willets a few, Dowitchers a few.
W. Sandpipers 50±. Bonaparte Gulls in air ab.
Knight. or Calif. in air.)
Apr. 17. 1 Am. Egret, Cliff Swallows (gutting mud). Meadowlark,
1 Burrowing Owl on post. Br. Blackbirds. Redwings. Shrike on
way to Alv. & to Dum. Bridge.
At Dumbarton Br. 300± Cliff Swallows on wires,
Eared Grebes 250±, getting br. plumage, Blue Herons?
Bluebills a few, Bon. Gulls ab. Willets. At west
end: Willets, Dows., 5 Hud. Curlews.
Apr 18 At Boulder Creek: Very brown. Heard: Quail, Knight.
H. Woodp., W. Flycatcher, Coast Jay, Chick, Bush Tit,
W. Vireo, Hutton Vireo, Black tho. Gr. Warbler (1), Pil. W.
Grosbeak, Sp. & Br. Towhee, Allen Hummer.
Quite hot at noon Apr. 17.
Apr. 19. Berkeley. Cooler. Partly cloudy.
Moorwood Rd. W. Flycatcher, Bush-tit, Wren-tit, Vigors
Wren, House Wren, Robin >, W. Vireo, Hutton V., Lut. W.,
Tolmie W., Pil. W., Purple Finch, Siskin, Br. & Sp. Towh.
Y-c. Sp, Song Sp.
Hamilton Canyon. 10:45-11:15. { Same – W. Vireo, Tol & Pil W.
Same + Quail, Anna H, Flicker, Cal & Cal J., Grosbeak Lunat,

Apr. 20. As we walked up from the W. F. C. after dinner we saw a flock of 17 quail on the lawn at Cowell Hospital and 5 between the Stadium and the back of International House. Fox Sp. at pool.
Apr. 21. A pair of Hutton Vireos made a great fuss east of the house where they have been calling for some time. Finally a Calif. Jay flew out and they after him. Tolmie Warbler singing all the time. Robins, Siskins >.
~~Apr. 22~~. Beautiful day. A Virgin Wren has been singing constantly just east of house but I have heard no answering call. Today a second bird was there and I saw one enter the Titmouse box. House Wren is heard N.W. of house. Thrasher still sings occasionally above end of Monrovia Rd. Tolmie W., Hutton Vireo, Sp. Towhee, Lutescent Warbler.
Apr. 22. Rained during last night. Cloudy all day. Tolmie Warbler in full song. No activity at box (Titmouse) but male Virgin Wren singing as usual.
April 23 Beautiful day. Apr. 24 Cloudy. Apr. 25 Clear, chilly.
Apr. 26 1 Cloudy. Rain at night. a pair of Shad at W.F.C. Apr. 25: Botanical Gardens - Nuttall Sp. Tolmie Warbler, Grosbeak etc.
Apr. 27. Raining. "Allen Hummers" went to M.V.L. then walked (in rain) on lower campus. Swallows nests on Life Sciences Bldg. seemed complete but no birds seen. Linnets on cornices. Nuttall Sp. & Song Sp. ag. Heard whistle of Russet backed Thrush. Saw robin building nest in small oak north of Agric. Bldg - 1 female. Pushed up great bunches of broom stems (2) in grass and placed them in crotch. Male nearby - Swift heard north of L.S. Bldg. 1 guard call - W. Tan., Tol. War. blers. - W. Vireo ag. Siskins, Purple Finch ag.

1943

April 28. Rains hard last night. Cloudy, warm, no rain. Lady Bird walked up Strawberry Canyon, returning by trail to Top of Panoramic Way. 1 Redtail (below Pan. W.) 2 Jaeil (ppr?) opp. dairy below Cam. Rd., Anna H. (Ham. Cam.), 1 Rufous H. ♂ below trail, W. Fly. ab., Coast Jay ab. upper Str. Cam., Calif. Jay ab, quiet; Bushtits many pairs; 1 Red br. Nuthatch, Wren-Tit ab, Ingos Wren ab. 2 House Wren, Thrashers 2 heard — one in deodar singing; Russet-b. Thrush 2 heard, whistled Robin, Cedar Wax wings off. s. of stadium, Warbling Vireo ab, 1 Cassin's V. s. of Bot. Gar., 1 Hutton Vireo near trail, Lut. W. ab. 2 Yellow W., 1 Black-Thr. G. W. near Swim. pool, Tolmie W. ab. 2 Pil. W. ab., (Aud. or Myrtle W.? heard s. of Bot. Gar.), Towhees ab, Calif. Pur. Finch ab., Linnet several, Siskin a few; Spotted Towhees ab, (one near Swim Pool called like oriole), Brown Towhees ab, Juncos ab., Song Sp. very ab.

Apr. 30. Beautiful warm weather. Many birds singing. While I washed windows a.m. I heard Bewick Wren, Lutescent Warbler, Tolmie Warbler, Thrasher constantly, Hutton Vireo, Bush-Tits, Juncos occasionally.

May 1. Ditto. A pair of Juncos came to the Abalone shell for seeds. Scolded a cat that came across below the house.

May 2. At 5:20 (war time) a Tolmie Warbler sang repeatedly half an hour before the Spotted Towhee, Bewick Wren & Lutescent Warbler began under my window. A Russet-backed Thrush was whistling, no song. At 7:30 a.m. a full plumaged male Tanager was in the oak east of house. J. T. A. heard a Red-br. Nuthatch in canyon below. Cloudy a.m. Hot p.m.

May 4. The "Allen Hummers" spent the morning near Mrs. Thompson's house, 131 Bret Harte Road. (Compare Sept. 1942) Partly cloudy. Lunch in the garden. 1 Redtail, 1 Sh. Sk. Hawk, 2 pr. Quail, 2 male Anna H., 2 Allen H., 1 Rufous H (?), W. Flycatcher 1 pr., Calif. Jay 6+, Brush Tits (a pair), Wren-tit 8+, Bewick Wren 2 males 2 ♀, Thrasher 2 males sg. Russet-b. Thrush 1 (one song), 1 W. Vireo, Lutescent Warbler 3 sg., Pileolated Warbler 2 pr., Grosbeak 3 ♂ sg., Purple Finch 2, Linnet several, Willow Goldfinch 2 flew over, Gr. Goldfinch 1 pr., Siskins, 2 pr. flew over, Br. Towhee ab., Sp. Towhee ab., Song Sp. ab. (one male took food to nest) 26 sp.

On Oxford St (L.A.St.) we saw a Gt. Blue Heron nesting in spirals: on the Campus I heard an Olive-sided Flycatcher (first time), on Euclid and Ruth I saw a family of Brush-tits and on Prospect St. near Bancroft Way a family of Titmouses.

A Thrasher was singing just beyond the end of Mosswood Rd. at 7:30 p.m.

May 9. At dawn a Chat was singing. Also Grosbeak, Rb. Thrush (softly), Vaux's Wren, Lutescent Warbler, W. Flycatcher (It has been singing west of house.)

East wind on May 5. Warm May 9.

May 10. Tanagers calling outside my window.

A Hairy Woodpecker yesterday and today.

Lazuli Bunting singing across canyon since May 8.

Pair of Quail between our west line & Mrs. Parsons' house. Grosbeaks very ab. here and on campus.

Yellow Warblers singing near house May 8 and 9. Two Pileolated Warblers, perhaps migrating through. (Mrs. Kelly reports) a Hermit Wip Town. in Durant Canyon May 8.)

May 11. Perfect weather. Last trip of Faculty Section.
A pair of Rough-winged Swallows was seen again at the S. end of the Stadium - also near the dairy. (See Apr. 6, 13,).
List for the morning: 3 Sparrow Hawks (on elec. pole above dairy up trail to Big C.); Anna Hummer 2 ♂ Allen Hummer (on tip of redwood near SW. pool) too late for Rufous - Flicker (above dairy), Rw. Swallow, Black Phoebe (pair Western Flycatcher, Calif. Jay, Steller Jay, Bush-tits, Titmouse 1, Wren-tit 3, Virgos Wren 1, House Wren 3 near mouth of canyon, Rb. Thrush, Hutton Vireo 1, Warbling Vireo 3, Lut. Warbler 3, Tolmie W. 1, Pil. Warbler 3, Tanager 1, Grosbeak 4, Lazy B. 1 above dairy on tip, Rw. Finch 2 pr. near sw. p., Linnet a few over dairy, W. Goldfinch 1 flew over, Siskin 1 flew over, Junco 3 pr., Br. Towhees, Sp. Towhees 3 pr, Song Sp. 6.
Nests: W. Flycatcher bldg. in Stratton garage, 55 Canyon Rd. Black Phoebe under diving board at SW. pool, Bushtit in oak off garage 55 Canyon Rd.
Families: Bush-tits 2, Juncos 4 yg at 55 Canyon.
Route - to Poultry Farm via Canyon Rd, return via dairy road.

May 14. Cold wind from north.

May 15. Miss Price took us in her car to Boulder Creek Dumbarton Bridge: Very few birds: 2 Avocets, 150 N Phal, a few Redb. Sandpipers. Cliff Swallows.

May 16. Brilliant morning (Boulder). Breakfast on porch - 10 Thrush at dawn. Warbling Vireo sang most often. Bl. Thr. Gr. Warbler often. Pil. W. once. Kingfisher, Chickadee once.

Young birds: Mrs Hackley — 4 y. Br. Tow. out of nest ~~May 15~~.
Brush-tits " " " " "
Linnets bldg. May 15
Migrants R.c. Kinglet — May 15, Mrs. Bullis. Heard
song. saw bird in her garden
Townsend Warbler, May 12. Mrs. Thompson.

May 16. (Boulder Cr.) Tan. Bs. Towhee came to table for food. Grosbeak heard once.
Sp. Towhee, Quail heard. At lunch time two Turkey Vultures were flying low just east of house. A Sharp-sh (or Cooper?), flying high. (No flycatchers, finches, young Sp., jays)

May 17. Tanagers. Warm. A pair of quail just east of house — (in baccharis below electric pole.). Walked across Campus fr. Euclid Ave to W.F.C. Very few birds except along Strawberry Creek. (6-19) Cliff Swallows about the stadium (have young flown from nests on Life Sciences Building?)

May 18. Warm day. Allen Hummers 2 spent 2½ hrs in Codornices Park. Birds very ab., many families. Quail 3 prs.+, Anna Hummer 1, Allen H. 3, W. Fly. 4 pr., Cliff Swallows 3 over Euclid Ave next to Reservoir, Steller Jay 1 heard, Calif. Jay 2 heard, Titmouse 1 fam., Bush-tits - two + fam. 1 pr., Wrentit 4 pr., Bewick W. 1 pr. and family out of nest, Robin 2 males seen, Rb. Thr. very ab. a pair spent much time driving off a third, many songs - Hutton Vireo 1 pr., Warbling V. 3 pr., Lut. Warbler 1 fam. 3 prs., Pil. Warbler 3 pr.+, Tanager 1 sg., Eng. Sp a few, Grosbeak 4 pr. +. one male sg. on nest., Lay. B. 1 pr. in Rose Garden, Purple F. 4 pr., Linnet very ab. esp. in Rose G., Gr. Goldfinch several, Siskin a few, Spotted Towhee 6 pr. (feeding yg. in nest?) Brown Towhee 6 pr., Fox Sparrow 1, Song Sp. very ab.

30 sp.

The Fox Sparrow was scratching among dead leaves on bank of the creek — Watched it 15 min. at 20 ft. through 8X glasses. A very late date.

At 6 p.m. several Rough-wg. Sw. were at south end of Stadium and flew to drain pipes in Rieber Wall

May 20. At 11:15 a.m I went down to watch the Rough-wg. Swallows. The holes in the wall were in the shade and no swallows came during the 15 min - I watched. Then two flew in from the east, over the wall of the stadium and disappeared. I waited ten minutes but did not see them again. Then I crossed by the Runway to the dairy road and saw two flying toward the stadium. I went to the poultry farm and returned by Canyon Rd. but did not see them again. Perhaps they come to the holes only after the wall is warmed by the afternoon sun. Saw a Sh. Sh. Hawk.

I found three Lazuli Buntings singing; one above the dairy where I saw him May 11, one above the swimming pool perched in the tallest twig of Australian tea plant, one opp. poultry farm on dead tip of a conifer - all singing freely - A Tolmie W. was perched in the elderberry inside the sw. pool fence, singing. A pair of quails near by, male giving quard call. One peculiar song at upper end of sw. pool I could not identify. Calif. Jays feeding yg. at No. 1. Canyon Rd.

In the afternoon I sat on the porch and heard besides the usual birds a Hairy Woodpecker (yesterday also), Sh. Goldfinch & Willow Goldfinch flying over. Families - Bushtits (yg feeding themselves); Lutescent Warblers (being fed by parents) ~~but~~

May 21. Beautiful warm day. While I worked in the garden a male Virgos Wren flew to the water spout under the eaves and almost immediately a female went to the same spot, probably after spider ?. Did not follow the male to the lower box - Must have a nest near by.

May 21 (contin.) A Green-backed Goldfinch sang for some time just east of the house.

May 22. Hot. A pair of quail came into the road just east of the house, passed me as I sat on the wall (direct), came down our steps into the garden. A pair of Tolmie Warblers were giving loud calls, suggestive of a Fox Sparrow, and collecting food (for young) on our east line. Both jays came for oatmeal; single juncos in garden. A pair of Bush-tits bathing (last family independent?). Many birds bathing — Sp. Towhee, Song Sp., Br. Towhee. Thrush within 15 min.

At 7 p.m. 4 prs. of quail at S. end of Gladiola — one male on guard on roof of ticket booth while others took dust bath. No swallows.

May 23. Hot & cooling in afternoon. A pair of quail in the garden — the female on the wall the male on the walk — as I came up from the lower terrace. The female froze in a horizontal position, the male in normal pose. After two minutes (?) the female relaxed, then the male, and both went toward the entrance and over the wall into the lower garden.

May 24. Foggy bay. Beautiful day. Both jays came for softened bread. Calif. Jay feeding young (calls heard). Tolmie Warblers near house.

May 25. Low fog, clearing 11 a.m. "Allen Hummers" walked from Gladiola to Bot. Gardens. Birds very abundant, all singing. Redtails 1 Bot. Gs., Mourning Dove 1 Bot. Gs., Quails 5 pr. (3 pr. in Bot. Gar.), Black Phoebe 1 pr. Sw. Pool, 1 Bot. Gar. Pool; W. Flycatcher 6 eg. + nest in Str. Garage, female sitting;

May 25. Anna H. 2, Bot. Gar. Allen H. 4q. very ab. in canyons + Bgardens. Calif. J. quiet, scr. (Steller Jay - no doubt present, thought I heard one). Bush. tits very ab., 1 flock (two families), several families, 1 pr., House Wren 1 sg. Bewick Wren 4 sg., Wrentit 6 sg., Rb. Thrush 8 sg., W. Vireo 4 sg., Lut. W. 2 sg., scr. families heard; Tolmie Warbler 2 sg., Pil. W. 4+ sg., Lazuli Bunting 5 sg., Grosbeak 4 sg., Juncos ab. in grasses, fd. 4 sg.; Purple Finch 4+ sg., Gr. Goldfinch 6+, esp. in Bot. Gar., Willow Goldfinch 1 Bot. Gar., Junco 1 sg., Br. Towhee 1+ above Scr. pool., Spotted Towhee 5+, Chipping Sp. 1 pr. fam. Bot. Gar., Nuttall Sp. 1 sg. Bot. Gar., Song Sp. 8+ sg. 30 species.

(We did not return by the dairy road where there were two House Wrens located for nesting May 11 (1 nest in egg-packing house above dairy, 1 Calves' shed)

May 26. Cool. Codornices Park. The same species as on May 18 except that we did not see the titmouse or Bewick Wren, both of which had families out of the nest on May 18; no Lazuli Bunting or Fox Sparrow. The Cliff Swallows have nests under the platform of the water tower in the middle of the reservoir. The female Grosbeak was sitting on the nest in the elder. Young Allen H. ab.

At 9 a.m. the Rg. winged Swallows were flying near the Rieber Wall.

May 27. Cool. I heard Hutton Vireos scolding as went to the east window to investigate. There was a family of the Vireos, all in the big oak, looking down at a Calif. Jay that was taking bread to feed its young.

May 28. Miss Barrows took us in her car to Boulder Creek. Nothing at Dumbarton Bridge except 100's of Cliff Swallows which were abundant in many other places.

May 29. Boulder Creek. Cool, partly cloudy, breezy. Very busy watering the garden.

May 30. Spent morning watering garden. Drove home P.M.

Birds in the mountains: less abundant than in other years. No jays heard.
On our place: Towhee, Hummer (Allen?), Hairy Wdp. Black Phoebe (fam.?), Violet-green Swallow (flying over), Calif. Jay, Chickadee, Ru. Thrush. Warbling Vireo (most conspicuous singer), Cassin Vireo 1, Hutton Vireo 1, Black-thr Gray Warbler 1, Pil. Warbler, Tanager, Grosbeak, Spotted Towhee, Brown Towhee.

A male Brown Towhee came for food and sang constantly. Could not detect a mate.

No Western Flycatchers within hearing!

Heard elsewhere: 1 Kingfisher (near town), Wood Pewee (in town), Violet Green Swallow in many places; Yellow Warbler Felton, Lazuli Bunting near town. From highway: Br. Black Birds Redwings, Sp. Hawk, Butcher Birds, Linnets. Goldfinches, many Swallows - Cliff and Barn, Turkey Buzzards (chased by blackbirds) - 1 Burrowing Owl on Electric wires.

May 31. Berkeley. Low fog turning into rain about 6 p.m. Saw the Hairy Woodpecker at 1 Moorwood Lane. (Perhaps nesting at end of Piedmont Ave.)

Two Lutescent Warblers singing, one above bird pool, one across road - (second nesting?). Tolmie W. singing. Single Hutton Vireo heard.

Summary April 1 – June 1, 1943.

Weather April. 10 days, clear, warm; 10 days cloudy
4 days of rain. 2 days clear, cold.
May. 19 days clear, warm. 2 days hot.
3 days cloudy (rain one night), 2 days cold, clear

Per. Res. Lucid. Apr. 13, none – up road. Strawb Can. return via trail & top of Panoramic Way.

Hairy Woodp. May 9, 10, 19, 20, 31. Apr. 20, fl. 17 Conv. Hospitals, 5 near Inter. House

Sh. St. Hawk May 20. Apr. 26 first pair seen near W. Fac. Club-
Apr. 28. first pair seen in Str. Canyon, Can. Rd.
above gate. May 10. pair west of house,
May 19 moved east of house, often seen in garden
May 25: Five pers. in Strawb. Can (3 in Bot. Gar.)

Bewick's Wren. Family May 18.

Thrasher. None heard near house until Apr. 11.
Live beyond end of Mossrock Rd, easy until
April 21. (A second nesting, first south side?)

When 1st feeding y.? seen. Moved. A3. May 31

Robin Very ab. until April 21. Then rapid decrease.
Apr. 29. A pair bldg. on lower campus.

Hutton Vireo. Pair n.e. of house. Scolding Jay Apr. 21
Family out, Scolding Calif. Jay May 27.

Purple Finch Apr. 23 – May 25 – Bot Gar

Bush-Tit – Family out (Euclid Ave.) May 4.
Titmouse " " (Prospect St.) May 4
Calif. Jay " " (1 Canyon Rd) May 20
Junco – flock in grass near Poultry Farm May 25
Male feeding bird, teasing for food (young?)

Transients. Cassin Vireo – upper Str. Can Apr. 28.
Black-th Gray W. Str. Can. (Swim. Pool) Apr. 28.
Chat – east of house May 9
Yellow Warbler – near house May 8
Tanager May 2, 10, 11, 18.

1943

Summer Visa. Berkeley. Allen's Hg. at Keys & Codornices Cr.
(Olive-sided) Flycatcher May 4 (Lower Campus)
Western Flycatcher April 6 - five in Str. Cam.
Rough-wg. Swallow - S. end of Stadium - Apr. 6, 13, 15.
May 11, 18, 20, 26.
Cliff Swallow. Apr. 27 - Nests complete Life Sc. Bldg
May 26. " Rose St. Reservoir.
House Wren. April 2. Seen Apr. 11; 1 fem. May 11.
Rb. Thrush Apr. 27. very ab. Cod. Park May 18, 26.
" " Str. Cam. May 25.
Warbling Vireo Apr. 12, 13. ab. (Neig. + fem. resp.)
Tolmie's War. Apr. 6 Trail up per Str. Cam.
Apr. 13 - group " " " (neig.?)
Apr. 10. Pair end of Hazelwood Rd.
" feeding gg. May 22.
Yellow Warbler. Two Str. Cam. Apr. 28 (neig?)
Brownbreast Apr. 9 (Hackley). 5 neig. males Apr. 13.
May 18. Male sg. on nest.
Lazuli Bunting. May 8 (Lund). May 11 seen
May 18 - one in Berk. Rose Gar.
May 20. Three between dairy
and Poultry Farm
May 25. Five sg. males (2 Bot. Gar.)
Chipping Sparrow April 6. Family May 25.

S.F. Baker's Beach. Apr. 17, 18. W. Vireo, Rb. Thr., Brownbreast W. Pil W.
Brownbreast.
May 15. Thurb's Bunt., Rb. Thrush, W. Vireo, Pil. Th. & W.
Pil W. Tanager, Brownbreast.
May 29, 30. Olive-sid. Fl., W. Peye., Wood Pewee
Vg. Swallow, Rb. Thr., Cassin V., W. Vireo,
Black-th. Gr. W., Yellow W., Pil. W., Tan. Laz. B. Brownbreast.

Water Birds. Alameda Pools. Apr. 17, 18. Shovellers a few,
Baldpates ab., Bluebills ab., Cin. Teal 2, Bb. Plover few,
Willets few, Dow. few, Yellowlegs (Lt.) 3, Avocets 4.
W. Sandp. 50± Coots ab. Bon. Gulls ab.
Dumbarton Br. Apr. 17. 300± Cliff Swl. on wires;
Bluebills few, Willets few, Hud. Curlew 5 (Wort.)
Eared Grebes 250± (changing plumage)
" " May 15. 150± N. Phalaropes (br. plumage)
2 Avocets, a few Redbacked Sandp.

Winter Visitants.
Cooper Hawk April 1
Red to. Nuthatch Apr. 6, 11, 13, 28. May 2
Hermit Thrush Apr. 2, 13.
Audubon W. flocks Apr 1-13 (full pl.)
Townsend W. " to Apr. 4. May 12 (Mrs. Thorp 2nd.)
Cedar Waxwing " Apr. 28
Siskins - " Apr. 4-15. Decr. Apr. 21
Brewer Sd. Sp. Single male ag. - Feb 26 - Apr. 14.
Flocks Apr. 11-14.
Fox Sparrow - Local 2 Apr. 9. Mig. Apr. 12, 13, 20.
→ One May 15, Cedar Park
L.-c. Sparrows - to April 19.

June 1. Rained all night, dense cloud a.m. clearing p.m.
June 2. Mrs. Reynolds took me to Drumbarton Bridge to see the Caspian Tern colony. As we approached the levee where they are nesting we could see the large white area and a few scouts came out to meet us. At the end of the better part of the road, on top of a levee, she parked the car and we ate lunch. I noticed a pair of Bryant Sparrows which seemed to be feeding young, Marsh Song Sparrows, a few Barn Swallows and many Cliff Swallows (nesting under a small bridge). Occasionally a Caspian Tern flew over, squawking at us. After lunch we walked on about half a mile to the rookery. More and more birds came to meet us and as we came near the nests the whole 1000 birds were in the air making a terrific noise. Dr. Miller, two weeks ago counted 431 nests. These nests were scattered about, several feet apart - no real nest, just a hollow which contained - some three eggs, some two eggs, some one egg. Some one egg young bird and an egg, some two young birds. Many eggs had rolled from the nest and young birds were wandering about. Some of the larger ones crouched between dried clumps of mud with their heads hidden. Many of the larger young took to the water and swam away - as far as 1/4 mile. As soon as Mrs. R. had her blind placed I returned to the car and

watched from a distance. The wind was blowing hard. Besides the Caspian Terns I saw two or three Forster Terns (the call is different), two Avocets, one Northern Phalarope and 6-8 Eared Grebes with very black necks and red ear plumes. A few Ring-billed Gulls came into the rookery when the birds were disturbed and Mrs. Reynolds said she saw one take an egg and swallow it. The eggs were dusty brown with dark brown spots and the young were either dark dusty brown or light dusty brown. There were several dead young on the levee. Mrs. Hoover (Kathleen Duggan) was taking stills all the time. Five Army Blimps were soaring about and first one, then two soared low over the rookery. This is the first time I ever went into a rookery and I do not care to do it again. I would much prefer to look on at a distance.

June 3. A cold N.W. wind. Clear. Mrs. Hackley reported Tittmouse (pr) + yg. and a Song Sp. with one young bird taking suet bread + suet at her tray. Also the second brood of Barrow Towhees in the old nest, yg. squeaking.

June 4. Beautiful weather.

June 5. Singing under my window 7 - 7:30 a.m. Virgin's Warbler (constantly), W. Flycatcher, Sp. Towhee, Frequently Hutton Vireo, Lutescent, Tolmie, Pet. Warbler, Occ. Grosbeak, Thrush, Song Sparrow. Titmouse (called) later Gt. Goldfinch. Song Sp. takes mush + oatmeal from table for young.

June 6. Commencement. Luncheon in Faculty Glade, Grad. in Greek Theater. Heard W. Flycatcher, Olive-sid. Flyc. (Gk. Theater), Bush-Tits, W. Vireo, Robin Rb. Thrush, Hooksbeak, Swallows, Spotted Towhee, Song Sp. Beautiful weather. Tolmie W. sp. below bird pool (E.)

June 7. Fog a.m. Titmouse taking suet worms. Juncos - apple. Hairy Woodpecker heard. Sunny after 10 a.m. Song Sparrow still feeding young - from Talli Made Braid alone in garden & fine. brooding 2?)

June 8. Cold. Heavy fog. The "Allen Hummers" took their last walk to Cadonices, then went to Mrs. Kniep on Santa Barbara Rd. for lunch. After lunch we went through the list of California birds in Hoffmann and checked off the ones we have seen since 1936. The total was 158 species.

List in Cadonices: Quail (several pairs), male augured marched up the top of bank of the fallen log, hid and stayed there. W. Flycatcher adv., Allen Hummer (several ♂♂), Anna Hummer (1), Bush-Tits, Calif. Jay (1), Wrentit (1 ad), Rb. Thrush adv., Hutton Vireo, Warbling Vireo adv. (1 fam.), Lutescent Warbler Pileolated W., Hooksbeak (large N. in nest), Linnets, Purple Finch adv. ♂♂ independent. (One came bird at the juncos ground), very light line on side of head. Robin like note that has been hanging near nest a ♀. P. Finch Brown, Spotted Towhee, Juncos, Gold. Goldfinch. Song Sparrow. 1 ♂ ad.

June 9. To Boulder Creek. Dumbarton Bridge.
100± White Pelicans in the usual place South of the causeway, east end. Probably non-breeders. A few scattered Avocets. Cold, precipitating fog in Berkeley. Sunshine in hills.
June 10. Boulder Creek. High fog. Part sunshine day. Conspicuous near cottage: W. Vireo, Tanager, Towhees. 11 a.m. walked to Boulder by new bridge: Many families of Chickadees. Cassin Vireo - 5 sq. male. Pr. Bush. Tit. Flycatchers bet. bridge & store.
A family of Audubon's Warblers out of nest near cottage. Black-headed Grosbeak ♂ came to table for sunflower seeds 6:30 p.m.
June 11 High fog all day. Added Kingfisher, W. Flyc. Vg. Swallow, Steller's Jay, Hutton Vireo, Y. Warbler.
June 12. Still foggy. D. walked to town by the new bridge and described a bird he saw near the bridge which must be an Anthony Green Heron. Also a pair of Mourning Doves nearer town.
At the cottage a Brown Towhee has sung continuously. He comes to the table, but there is no sign of a mate. Spotted Towhees - pair - take oatmeal, cherries, sunflower seeds - Warmer
June 13-15 Beautiful weather. June 15-17. Hot.
June 18. Beautiful weather. Returned by bus to S.F.
During our stay birds were abundant. A few species not found on our place were Wood Pewee, Audubon Warbler, Yellow Warbler, Water Ouzel, Bush-tit, Robin, Oregon Juncos (strange)! Hermit Thrush. A male Spotted Towhee was so tame that he came to the table for food when we were sitting within six feet. He ate all he wanted, then filled his bill with oatmeal and carried it beyond the garage (to the nest?) The male Brown Towhee

Continued to sing but no mate appeared. A family of Yt. Goldfinches came for water and seeds of Bachelors Buttons – 4 yg. + 2 ad. A (family?) of Creepers, made singing – A Winter Wren sang constantly below the cottage and a Monterey Hermit Thrush was heard in the distance and also nearer toward the Anthony's. Calif Woodpeckers and Ash.-thr. Flycatchers on the place occasionally. An Olive-sided Flycatcher called constantly, usually from the tip of a tall redwood at Jay Camp – Two Rb. Thrushes were singing – esp. in early a.m. and until 8:40 p.m. – Still whistled at 9 p.m. More than one pair of Tanagers. Towhead (male) came in occasionally. Pil Warblers had a family out of the nest (June 10) but by June 17 the male was singing freely as if yg. were independent and a second nesting in preparation – One Black-th Gray Wr sang occasionally. No Song Sp. on place. Summertime.

June 19 – 23. Berkeley. Both Tolmie and Lutescent Warbler singing just east of house (2nd nesting?) A Brown Towhee in the garden. A male quail came usually alone – very tame. One stayed on the pier at west end of terrace while I went up the steps (6 ft. from me). Virgin Wren that has been singing constantly gone.

June 24 – Returned to Boulder by bus. Found the Victory garden in good condition. Beautiful weather.

June 26. A Green Heron flew down stream when we were sitting on the sand bank below the cottage. Two Black Phoebes there. Towhead at lower end of place. (Visit fr. Frankly)

June 28. A family of Purple Finches in the casuarinas near the garage. Young giving chick-a-whee-oo call. All three Vireos heard. Juncos singing near the bench on the bluff. Large flock of Chickadees, each independent. Also family with young learning for food. Family of Bush-Tits, Creepers; Pygmy Nuthatches (first time this summer) Low fog early morning. Cool day. Rb. Thrush still sings early morning and until 9 p.m. Tanager visits cedars on Electric wire several times. Grosbeak comes through occasionally. Spotted Towhee takes food for young until 8:30 p.m.

June 29. Cool.

June 30. A family of Warbling Vireos near front porch, young teasing to be fed. Note single mee-a; mee-a; mee-a repeated constantly thirty times. A Cassin Vireo alighted on the top wire of the rose trellis and sang several times, then chased another in the crab-apple tree (pair?) Saw a Swift (Vaux) fly over the tops of the trees on the river bank.

At about 4:40 a.m (war time), I heard a Western Martin calling. At 5 a.m the Rb. Thrush began singing. Later in the day several young Towhees were flying through the trees and calling. The note reminded me a little of the quaver of a Varied Thrush. Quite sure I heard a Robin above the main street in the town.

I have spent much time planting a vegetable garden. I have found no angle worms.

Boulder Creek 1943

July 1. Hairy Woodpeckers are heard every day, usually in the direction of Joy Camp (north). Today one came into some thin shrubs just below the kitchen window, backed down the main stem (6 ft.) to the ground, hopped on ground, then into a still smaller shrub. 4q. Sp. Towhees under broom.

July 3. James heard a Hermit Thrush singing across the river on the slope of Ben Lomond Mt.

July 4. J. saw a large bird alight in a dead tree on the edge of the river below the house. I saw it fly down stream and disappear behind a huge boulder. I slipped along the bank and as I came out from behind the boulder I saw a Green Heron perched on a rock in the edge of the river. It looked small, and showed mostly a dark bluish green — but when he flew the wing-spread was much greater and there was much bright cinnamon visible.

July 5. About 7 a.m. I noticed two large birds that flew down from the roof to the path north of the cottage. They were two Brown Towhees — the first time I have seen two in the garden.

July 5. I saw them several times; once one bird chased the other, soon after that the male that has been singing constantly came to the table for food (6 ft. from our breakfast table on the porch). Hard "chicks" were answered by the other bird. Also for the first time I heard the prolonged squeaky notes used so often by a pair but not heard when the male was alone. The male still sang occasionally. Rb. Thrush sang up to 9 p.m.

A Water Ouzel was calling below the house — I saw it — It flew away up stream.

At 2 p.m. we started back to Berkeley by automobile.

Spotted Towhees have their family under the coffeeberry near the Table.

Dumbarton Bridge — Tide very high. There were a few Sandpipers and Willets — 20± each and young Avocets were almost grown. Cliff Swallows very ab. A few Forster Terns.

July 6. Young juncos pick up food from the porch floor, also alight on the shelf.

July 7. Heard: Thrasher (calls of yg.), Wren-tits, Pygmy Nuthatch (fam?), Woodpecker, Bw. & Sf. Towhees. Song Sparrow, Tolmie Warbler (sang once), flocks of Bush-Tits. Steller Jay fed from shelf. W. Flycatcher (calls of ad. & yg.)

July 8. Tolmie Warbler sang continuously 6:30 a.m. At dinner at the Women's Faculty Club: A Song Sp. several times perched on the fire escape just outside the window and sang (6 ft. from where I was sitting.)

July 9. Life Sciences Bldg. Cliff Swallows still feeding young. Nests most num. on S.E. corner (on south side). At N.E corner nests only in recesses near edges of lower side corners.

July 10. (Saturday). We returned to Boulder Creek (drove over auto). At Dumbarton Bridge: Birds very much more numerous than on July 5. Tide out. East End: Willets 200±; Least Sandpipers 100±; W. Sdp. 100±; N. Phalaropes 200±; Avocets - a pair chased a Gt. Blue Heron when he flew near their well-grown young. On tide line: Many Avocets and Willets. West End: - Lg. billed Curlew 30-40.

No gulls, a few Forster Terns, Cliff Swallows decreasing.

July 12. I took a group of Boy Scouts out to look at birds. No glasses used. I had them stand still and listen and then tell me where a bird was singing. Then I told them what it was and some interesting things about it. One boy had learned some of the birds before and he kept a list in two columns - Birds Seen - Birds Heard. Did not leave our place. When we had finished I brought them to the cottage and showed them the pictures of the birds on our list.

Birds heard, then seen: Brown Towhee (male, singing), Spotted Towhees, juv. only, (both on one table) - Calif. Woodpecker (seen only), Hutton Vireo, Chickadee.

Birds heard, not seen: W.W. Warbler (singing near river), W. Flycatcher, Olive-sided Flycatcher, Pileolated Warbler, Rb. Thrush, Junco.

P.M. Pair of Sp. Towhees on Table - one with only 2 tail feathers (white-tipped).

July 14. The W. Winter Wren sings constantly near the river. Male Brown Towhee still sings. Kingfisher noisy. Family of Calif. Woodpeckers on our el. pole.

July 15. Took the Boy Scouts up to River Glen but birds were very scarce. Fog (high) lasted until noon. Added Bush-tits (in our garden), heard one Wren-tit, one Goldfinch, one Purple Finch (singing), 2 Tanagers (calling). As we came back there was a Robin calling near the boys camp. They have been telling me there were robins in their camp but I didn't feel sure they were right. W. W. Wren still singing near the river and one Rb. Thrush in full song. P.m. An Olive-sided Flycatcher on our elec. wire.

July 16. We walked out to the highway at Drown Way to take the bus to S. F. Just before reaching the County Road (Minkebletts place) I came upon a family of Black-Throated Gray Warblers, all calling. The call of the adults was something like the call of the Tolmie - almost "chup". The young called "tip-tip". They were feeding in a medium sized oak where they were easily seen.

July 17 - Berkeley - a chilly fog most of the day - Heard the following birds: Calif. Jay, Bush-tits (family), Wren-tit, Hutton's Vireo, Virgin's Wren, Tolmie Warbler (sang when the sun came out for a little while in a.m.), Linnets (many flying over, some (taking berries) near by), Gb. Goldfinches, Grosbeak, Spotted Towhees (pair, male singing. Took oatmeal) W. Flycatcher. (No quail seen or heard) (Opossum last night.)

S.T.A. said Grosbeak song west of house -

July 18. As we walked home from dinner at the Women's Faculty Club I noticed a pair of quail across the driveway from the club - no young visible. (I was told that a brood left a nest in the petunia bed before July 1). On the lawn back of Cowell Hospital was another pair of quail with just one chick (¼ size)
Chilly fog most of the day. Light shower a.m -

July 19. Chilly fog all day. Heard songs of Tolmie Warbler just east of house, Hutton Vireo ditto, Purple Finch (near plum trees). Families of young juncos near lower pool - Heard H. Woodp. 1 Orchard Lane.

July 21. Miss Sutton took us in her car as far as Los Gatos - arrived 11 a.m. After lunch we went to the park below the bridge over the creek. Many people esp. at swimming pool. Birds there: Anthony Green Heron - in flight, seen twice. Kingfisher - once. Anna(?) Hummer - one head. Calif. Woodpeckers, W. Flycatcher - family together - Wood Pewee - chased Steller Jay from oak under which we were sitting.

Black Phoebe - down stream - (below School House) Titmouse (one), Bushtits - a group of twelve, stopped to feed in thistles (aphis?). Some had shorter tails - Chickadees - ab. Hutton Vireo (1). Steller Jay (1), Grosbeak near school house (calls) Gb. Goldfinch heard, Linnets (in thistles), Juncos (on ground), Sp. Towhee, Brown Towhee, Song Sparrows (moulting) Continued by bus at 4 p.m.
Clear, warm day.

Summary June 1 – Aug. 1, 1943

Much of the time after June 8 was spent in Boulder Creek. We went back and forth sometimes by automobile, sometimes by Greyhound Bus. If by automobile we went via Dumbarton Bridge if possible. On June 2 Mrs. Eric Fergusson took me with her when she took photographs of a colony of Caspian Terns on a dyke north east of the bridge.

Berkeley: June 1-5; 19-23; July 6-10; 17-21.

Lands. A pair near the tower. Male alone in garden June 7, 19-23, very tame. Not seen in July. (Upstream at pool July 16)

June 5. Cedar Grove Park, three pairs. Also one male on guard.

July 18. Women's Faculty Club. I was told a pair took off a brood about July 1. On July 18 I saw a pair with no brood.

July 18. Cornell Hospital. 1 pr. + 1 chick. (July 10 pr. with brood on Prospect St.)

Allen Hummers. June 8 Many gg. in Cedar Park.
Acorn " " " " Elm " " " "
W. Hyatt Inn – Did not find nest. July 7 – calls of gg. and ad.

Cliff Swallows July 1. Still feeding gg. at L. Sc. Bldg.
Tidewater – no nests in our box – June 3. Pair and gg. at Table (Mrs. Hopkins).

A family of Quail (8 & small 49.), Co. road opp. Winks-
July 22 Rb. Thrush still calls - very seldom.
No songs. Warbling Vireo, W.W. Vireo singing.
W. Flycatcher family. Pair of Brown Towhees.
July 23. A Flicker calls - perches in top of redwood
at Joy Camp. A family of Steller Jays,
very noisy, spent some time near cottage.
Calif. Jay came to table. W. Vireo & Rb. Towhee singing
Walked down lot to the dam. Hutton Vireo, Pil W.,
W. Flycatcher (fam.), Chickadees, Juncos (pair acted
as if they had a nest near river toward dam)
Many large droppings suggested Heron or Owl
perch. From cottage porch 3:30 p.m. I saw a
Sh Sh. (or Cooper) Hawk flying high for east toward
Ben Lomond Mt. Adult Sp. Towhees (pair) come for food -
No young seen. Warm. 7 p.m. A family of Creepers in big redwoods
July 24. The female Sp. Towhee takes food away (to 2nd nest).
A male in bushes near Table gives a very
soft trill when she is on the Table -
In the late afternoon a covey of quail
were just over the fence in Camp. Joy - two
males on guard on the fence. (More work to
protect the Victory Garden from quail as well
as rabbits and gophers) Warm, clear Breeze
July 25. As I came around the corner of the cottage
I surprised two ad. Sp. Towhees on the table -
the first time I have detected the female there.
Pil. Warbler seen and heard calling. (No. W.W. Vireo
since July 22)
July 26. The "swee-eet" call of W. Flycatchers heard on
all sides - (49. giving adult calls?) Warm N (J & Q.)
July 27. No W. Flycatchers heard. About 3 p.m. a

Thrasher - July 7 - calls of yg. near house.
Hutton Vireo. Conspicuous always. 2nd brood end of July.
Warbling Vireo June 8, Cedronices Park, family out yard.
Lutescent Warblers June 19-23 - Removed song period.
Tolmie Warbler " " " " "
July 8, 17, 19 Singing occasionally
Grosbeak June 8 - large yg. in nest found May 18.
Purple Finch " Yg. independent. (Ced. Park)
Juncos. July 6 Yg. feeding on our S. porch
July 19. Fam. at lower pool.

Boulder Creek. June 10-13; 24-July 5; July 11-16, 22-Aug 1.
June 10-18, Singing constantly near cottage;
(Olive-sided Flycatcher, W. W. Wren (voice) 16 June 22.
Western Flycatcher
R. Thrasher 2 males (Sang until 5:45; called 7 p.m., voice Tone.)
Warbling Vireo, Hutton Vireo, Tanager, Br. Sp. Towhee

Calling or Singing occasionally: Calif. Woodp., Hairy Woodp., Ash-thr. Flycatcher, Kingfisher, Cassin Vireo, Monterey Hermit Thrush, Black-thr. Gray Warbler, Grosbeak.

Families: Chickadees June 10 (many).
Pil. Warblers. (Removed song June 17)
Creepers June 10; Gt. Goldfinch 2 ads. and yg. eating seeds of Bael. dos Bustos
June 28. Fam. Towhees (first Towhee in garden)
Pyg. Nuth. " " " "
Chickadees, Creepers, Purple Finch
June 30. W. Vireo, Rt. Thrush.
July 1. Sp. Towhee; July 12 yg. at table (no adults)
yg. gone July 23)

pair of Br. Towhees feeding. Suddenly the female darted at a third bird, male joines her and together they drove it from the thuja into the crab-apple tree and on out of sight. (July 29 - not seen since.) Spotted Towhees still very tame, esp. the female who takes food beyond the garage. Ist sunset a Rb. Thrush was near the river & a pair Black Phoebes on the rocks in the river (one called like a very loud Creeper (yy?)) Very hot day.

July 28. Still very hot but partly overcast. Quail go through each day - several adults + 10-12 yy.

July 29. Cooler - Quail in petunia bed - 5 ad. (2 males). young of two ages. Birds scarce - Seen or heard July 28, 29 near cottage: Quail (fam.), Kingfisher, Calif. Woodpecker, W. Flycatcher (yy. a few), Coast Jay - noisy fam., Calif. Jay, Chickadee - large fl. all independent; Pygmy Nuthatches (heard once), Creepers, Violet-green Swallow (one, calling, noisy - Seen below cottage), Wrens (one heard), Winter Wren heard singing for a few minutes), Rb. Th - occ. calls. Seen near river. Robin - one flew over, high, calling. H. Vireo heard often - two front through garden trees. Pil. W. scarce - One seen - One came into shrubs at dusk. Purple Finch - only one heard. Rb Goldfinch - one came for Bachelor Button seeds; Siskin one heard Has been very scarce all summer. Sp. Towhee - pair. ~~Brn Towhee pair + 3rd unidentified~~. In the

July 27 - July 31. morning the male Br. Towhee came to bathe twice within half an hour. The second time his feathers were all fluffed out and he acted very fidgety before bathing and immediately after squatted down in the gravel when his feathers were all wet. He left several short stiff feathers (wing coverts) in the water.

July 14. Calif. Woodpeckers (electric pole.)
→ July 16. Black-th. Gray Warblers in oaks.
July 22. Linnet (Winchelbeck road)
July 23. Steller-jays, W. Flycatchers.
Juncos - a pair nesting down river.
July 29. Sp. Towhee - 2nd brood.
July 26. W. Flycatchers many sd. calls. July 27 more
A few July 28-31, young.
July 31. First Wren-Tit in garden.

La Honda July 21. Ant. Br. Heron, Anna H., Kingfisher, Calif. Woodp.,
W. Flycatcher (fam.), Wood P. (drove off Steller jay) from
nesting tree; Black Phoebe, Titmice, Chickadees,
Bush Tits, Hutton Vireo, Towhees, Linnet, Goldfinch,
Linnets, Juncos, Sp. + Br. Towhees, Song Sp. (moulting)

Dumbarton; June 2 June 9 July 5 July 10.

Eared Grebe	6-8 in full pl.			
White Pel.		100±		
Br. Cormor.			30-40	
Willets			20±	200±
L. Sandpiper				100±
W. "				100±
Avocet	2	a few	99 3/3 grown	about tide line
N. Phal.	1			200+
Calif. Gull				none
Ry. Gull	20±			
Forster Tern	a few		a few	a few
Caspian Tern	Colony			
Cliff Sw.	ab	ab	ab	ab
Barn Sw.	a few.			

Aug. (Aug. See July 27
In the afternoon when the extra Br. Towhee came into the thyme around the feeding table the female was on the table and the male in the rose bush nearby. She darted and the intruder, the male joined her and they drove it (gender?) into the crab apple tree and out of the garden. I did not see it again).

July 30. The Female Spotted Towhee, which is very tame, feeds and then carries food beyond the garage

July 31. A Wren-tit was heard in the garden and a Water Ouzel on the river - H.t.

Aug. 1. Cooler, Breezy. (Heard Tanager call) In the Alvarez orchard there were pygmy nuthatches and Chickadees in the pines; juncos, gf. Goldfinches and Rb. Thrushes in the fruit trees.

Aug. 2. Perfect summer day. Drove home via Skyline to La Honda jct., Woodside, Dumbarton Bridge. Tide High. East end: White Pelicans in usual place 400±, Black-bellied Plover 1, Snowy Plover 2 Willets 20±, Least Sandpiper 1 large flock + many singles or small groups Avocets - 15±., N. Phalaropes 100± Calif. Gulls 40±, Forster Tern 1, Cliff Swallows ab. Br. Bl. Birds ab.

Berkeley Aug. 4. As I watered the garden I noticed: Flycatcher (large (olive sided?)) on electric wire; heard W. Flycatcher, Bush-tits large flock, Vaux's Swift (heard), Wren-tits, Rb. Thrush, Hutton Vireo, (3) Lawr. Gf. Goldfinch, (chases the large flycatcher), Brown Towhee ad. + 1 yg., Sp. Towhee (fam.), Song Sp. Earlier: 5 Tellers Jay (fam.), Titmouse. Hairy Wdp. Panoramic Way.

Aug. 5. Songs: Virgin's Wren, Hutton Vireo, Spotted Towhee (once)
Saw W. Flycatchers — a group — 1 Lutescent Warbler.
Rk. Thrush heard. Returned to Boulder Creek p.m.

Aug. 7. Beautiful warm days. Birds very quiet.
Spotted Towhee The Spotted Towhee still carries food away from the table. The male Brown Towhee is alone most of the time. A large group of juncos down the trail (near old foundation).
Chickadees ab. Stellers jay feeding teasing, grown-up young. Nuthatches under the trees at Jay Camp I found one W. Flycatcher, heard one W. W. Wren. Hutton Vireo heard frequently. One Audubon's Warbler in garden Aug. 7 p.m.* Family of quail ad. 1 juv. about most of the time. Count 2 males, 3 females and 11 yg. Saw two Kingfishers, one of which I feel sure was a yg. bird — very noisy. At dinner time the double covey of quails came on to the feeding table and one ad. to the pool.* After dinner we walked down the lot and I found Pil. Warblers spaced — four in all. Are they migrating during the day and stopping to feed and roost during the night?

Aug. 9. Returned to Berkeley via Dumbarton Bridge:
Tide receding: West end: Willets, Lt. Curlew, Godwits.
East end: White Pelicans 200±, Bb. Plover 1 (partly black), Snowy Plover 1, Willets ab., W. & Lt. Sandp. 100±, Godwits a few, Avocets 50±, N. Phalaropes (grayish) 300±, Calif. Gulls 100±; Cliff Swallows, none at bridge, ab. over salt pools (yg. out), Barn Sw. 1 (on stake), Br. Blackbirds ab.

Aug. 10. Lutescent Warblers (one in pool. Steller's) ad and yg. at table; yg. full grown, teasing to be fed.
Fog at night, sunny p.m.

1943

Aug. 11. I saw a Russet-backed Thrush at our entrance taking berries from the wild currant. Linnets are heard often (elderberries, blackberries, cherry plums are ripe) J. T. heard a snatch of song of Yellowthroat. Fog in morning, clear afternoon

Aug. 13. I heard a Rb. Thrush at dawn - call-dove - W. Flycatchers - calls of young. Hutton Vireo heard. Lutescent warbler. Cool p.m. 4 ♀♀ W. Flycatchers. One, frightened by St. Jay - flew against dining room window. Killed.

Aug. 16, 1943. Returned to Boulder Creek. Dumbarton Bridge. Not much mud exposed. 11:45 a.m. White Pelicans 500±. Am. Egrets 3, Pintails 50±, Lg b. Curlews 1 (West end) Willets 200-300, Sandpipers (mostly Least) <, Godwits = (W. end), N. Phalaropes (gray plumage, scattered, no wind) 300±, Calif(?) Gulls 75±. Forster Terns 1, Avocets 12 grown young together (Drove Kenneth's Ford)

Aug. 16-23. Quail go through several times a day. Aug. 18 ♂♀ + male on Table. ♂♀ + female at pool. Almost grown ♀♀. Kingfisher, noisy Aug. 16-18. Coast Jay did not come to table when male Br. Towhee was feeding. Calif. Jay heard occ. Chickadees - occ. fl., Bushtit scarce, Pygmy Nuth. occ. in tall trees. Robins, sev. calling near Camp Jay Aug 17 Hutton Vireo often, Pil. Warbler one on Aug. 18; Sp. Towhee, the pair fed, female esp. takes food to ♀♀ in near by bushes. Brown Towhees, pr. both very ragged. No sign of nest or young. Anna H. one over garden. Turkey Buzz. Aug. 20 (J. T. A.), Mourning Doves flew up from beyond trees on north side of roadway. A few W. Flycatchers - calls of ♀♀. One sweet call heard Aug. 21. Long silences with no birds calling. Aug. 22. Saw three birds flying high, close together: showed all white underneath (Shore birds?) 9 a.m. 2 quail 2 fl. 12 each in front garden.

Aug 23. Three Robins flew over Los G. Highway near Summit.

1943

Berkeley Aug. 25. A Redb. Nuthatch was calling across Normwood Road. Hutton Vireo still here

Aug. 26. A Russet b. Thrush called at dawn. Vigors Wren absent.

Aug. 29. Miss Gladding drove us down to Boulder Creek - Dumbarton Bridge. White Pelicans 350±, Am. Egrets 6+, Pintails 100+. Willets 100±, Eared Grebe 1, Black b. Plover a few, Sandpipers L. & W., Bl. Turnstones 22, Avocets 40±. N. Phalaropes >, 200±. Gulls (Calif?) moulting. No swallows (Berkeley - a Tanager near home)

Aug. 30. Boulder Creek. 1 Sparrow Hawk crossed the meadow and alighted on an electric pole. A Barn Owl was heard several times last night. Chickadees ab. and with them Miss G. saw two Black-Throated Gray Warblers. Pygmy Nuthatches in the tops of the Redwoods. Hutton Vireo heard often. The young Spotted Towhees (second brood) begin to show the color pattern of adult. Still give calls of young and fed occ. by parent. Large flock of quail (20-30).

Sept. 3. Had to do business in Santa Cruz. W. Cliff Drive. 3 - 3:45 p.m. 500± Shearwaters, Br. Pelicans 50±, Cormorants a few, Surf Scoters 12-15, 8 in full pl., Willets 10 in one, Phalaropes - 500± on ocean, mostly outside of the one row of breakers, some out through (or over) the breakers. Flew inshore at times, circling back to ocean. Were they Red Phalaropes? Winter pl.

W. Gulls, ab. some in br plumage. Herring Gulls ab. none in br. pl. No guillemots, no Swallow.
Sept. 4. One W. Flycatcher gave "awee-ait" call.
Sept. 5. Young Sp. Towhee gave call of adult, fuzzy note.
Sept. 6. No calls of yg. given by Sp. Towhees. A Water Ouzel gave fragment of song below the cottage.
Young quail moulting, very dumpy - all " came to lower, some to pool. Hutton Vista every day.
Sept. 8. Bd. W., Ouzel a.m. Rb. Thrush p.m. Br. Towhees (ad.) almost thro' moult.
Sept. 9. Rb. Thrush heard repeatedly. Ouzel sang much of the morning. Returned to Berkeley p.m. Near Hoffmans Millpitas a number of Cliff Swallows.
Sept. 15. Berkeley. There are many small oak worms in our trees. Large flocks of Bush-tits come through, busily feeding. With them this morning was a Townsend Warbler (yellow throat) Several warblers were present that were not identified - one sounded like Lutescent. Rb. Thrush in pool.
Sept. 16. To Boulder Creek (Buick). At noon at Dumbarton Bridge: Eared Grebes < 300±, Tide out a little way, perhaps coming in. Cormorants (Fax.?) 50±, White Pelicans Am. Egret 1, Ducks < 400± mainly Pintails. Willets < 200±, a bunch of about 200 at west end of bridge all flew when our horn was sounded. Sandpipers < 100s, esp. Least. N. Phalaropes > 100s, 1 Gull, 20± F. Terns.

Sept. 17. Boulder Creek. Quite cold at 7 a.m. Clear, warm all day - Water Ouzel singing below cottage off and on all day. Hutton Vireo, Rb. Thrush, Pyg. Nuthatches, Chickadees. Kingfisher. Sp. Towhee very ragged - head almost bald (young) Brown Towhees have finished molt.

Sept. 18. Warmer night. Clear, beautiful weather - Sun behind trees on river bluff early a.m. - Rb. Thrush early, Ouzel eg. 7:30 a.m. Heard juncos near cottage 2 p.m. - Have seen none at the table all summer.

Sept. 19. Heard the whisper song of a Townsend Warbler, repeated several times. Saw one (yellow throat) with chickadees. Heard whisper song of Purple Finch.

Sept. 20. Purple finch again. Rush-tits in garden p.m. - Hot day. Virgin's Wren late p.m. Ad. Sp. Tow. sleeps.

Sept. 21. Songs heard: Creeper (twice), Purple Finch, esp. 3:10 p.m. to 3:35 with hardly a stop, 5 this voice. Calls: Rb. Thr. Townsend's W., Robin. Chickadee, Water Ouzel. Pyg. Nuthatch, Black Phoebe, Cal. Jay - An Anthony Green Heron flew over. Hot p.m.

Sept. 22. Returned to Berkeley. Dumbarton Bridge. 600+ White Pelicans. Eared Grebes <, Pintails < No Forster Terns. Many more Rb. Plover. Willets + Sandp. < Very few avocets. Gulls < N. Phalaropes > No Swallows. 60 Lb. Curlews, a few Hud. Curlew - most of them on mud in marshes at West end. Female Ring. Pheasant crossed road at Ants Race Track.

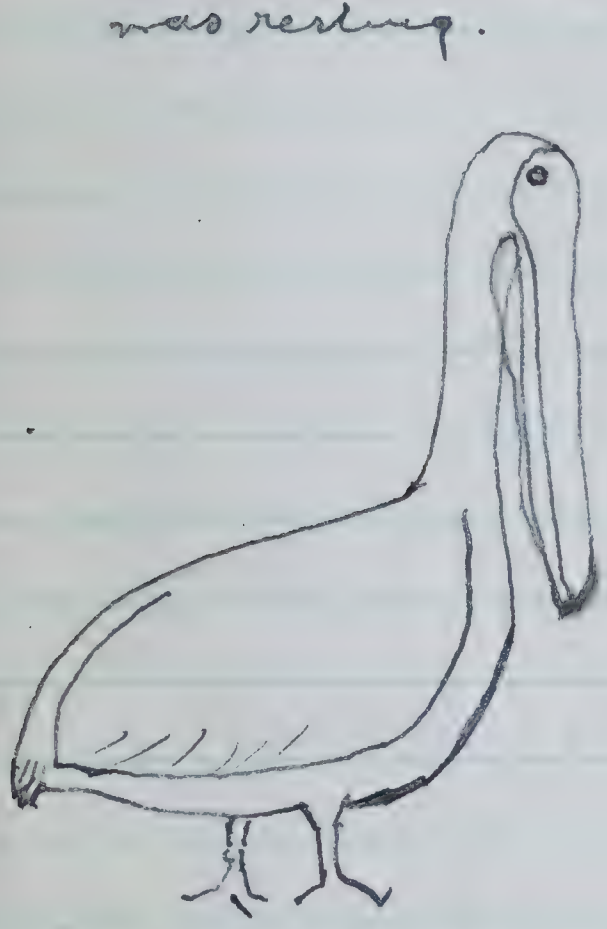
Sept. 25. Berkeley. Several Hutton V reiss calling together - Call note - mee-ee, mee, mee -
Also faint songs: ˘ ˉ ˊ ˇ , ˘ ˊ ˘
also chick swee-ét, chick swee-ét
also sweet sweet sweet (rapid)
Harris Woodpecker east of house. Flicker called across canyon (first one heard)
Many brush-tits. Mrs. Hackley reported a brood of nine or ten quails at west end of Canyon Road, Young molting.

Sept. 26. Townsend Warbler and Black-throated Gray Warbler near my east window - throats white. One of each - not together.

Sept. 27. Many Townsend Warblers, a few Black-th. Grays.
Sept. 28. Red-br. hummer east of house.
Sept. 29. Low fog. K.P.E pond - 9:30 - 11:15 a.m.
Redwings. Killdeer - 8-10; Semipalm. Plover 6+.
Song Sp. Western Sandp. ab. Least less ab.
Limicls Willets a few. N. Phal. 8.
Mainpool. No ducks, Coots, very few gulls.
Herons: Gt. Blue, Am. Egret, Black-crown, one each. close together. Several Egrets elsewhere. Willets 20±, Killdeer Forster Terns - 6±, winter pl-
~~Sept.~~ Sept. 30. P.M. in Mrs. Fritz' garden. (Uplands) Warm.
(Anna H. 1 Wren-tit, 1 Yellow W. 1 Vagrant Wren, several Song Sparrows, 1 Sp. Towhee
Sept. 30 To Boulder Cr. Drum Bridge. 12:30 a.m. Tide in.
Eared G. 300±, W. Pel. 300±, Pintails 300±, Shov. 4 Sp.
Willets 200±, Least & W. Sand Sp. 100±
Beautiful weather. Hot at Los Gatos.
Camp Evers Oaks - many Puget Sd. Sp., Song Sp. 1 W. Goldfinch, Bluebirds.

1943

Oct. 1. J.T.A. also a.s.a (later) heard a Rb. Th. whistling early a.m. Byg. Nuthatches 20 (1 fl.) + others. Chick. Creeper. Song Sp. Juncos. Sp. Tow. (2 ad. + 1 yg - moult almost complete.) Br. Tow (pr.) High fog until 11 a.m. Santa Cruz p.m. Birds very ab. Beyond the rocks, were washed in brown kelp. 35 Bl. Turnstones, 12 Sanderling, 11 Willet, 1 Tattler. On long beach 200+ Sanderling, 10+ Willets, a few Turnstones; 10+ Willets. 1 Br. Pelican, many Gulls. W., Heermann (gray heads), several Surf Scoters on water (full fl.) The Tattler was at the base of a cliff covered with barnacles (?) at the edge of the surf on wet sand. The Brown Pelican was resting.



Oct. 2. Colder last night. Beautiful day - Birds near cottage: Creeper, Chickadees, Bushtits, pr. Brown Towhees, 2 ad. Spotted Towhees, one im - moult practically complete. Male Br. Towhee chases drives every thing off feeding table. All 5 Towhees taking turns at table about 4 p.m. 1 Hutton Vireo sg. Second couplet very wheezy.

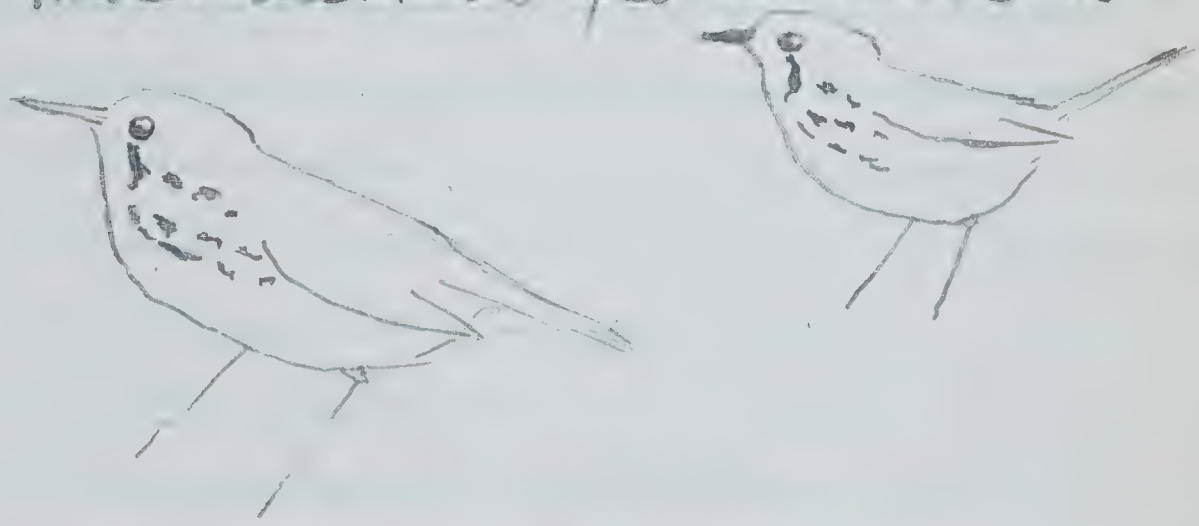
Oct. 3. Cold last night. Clear sunny day. Heard a Ruby-cr. Kinglet and a [redacted] robin. Juncos near table - first time. At least 1 W.C. Sparrow, eating coffee berries near west porch. Chickadees

Oct. 4. At dawn several Russet backed Thrushes were whistling. A Robin later. Brn. Tds. Chickadees, Juncos, Hutton Vireo and an occ. warbler chip. A Purple Finch came to the pool - plumage fresh. A Black Phoebe gave its spring call. Flicker heard. Hairy woodpecker in Abrams orchard.

Oct. 5. A Fox Sparrow, scratching in the front bed 8:30 a.m. Juncos in front bed. R.B. Thr. whistled at dawn. At lunch time two Hermit thrushes appeared, one on the mushroom pool. Later in the afternoon I stopped to listen to the song of an angel below the cottage. As I sat on the steps I saw the two Hermit Thrushes repeatedly, very perky, fluttering their wings and lifting and dropping the tail. Another larger thrush perched listlessly on a branch, the body touching the branch. It was alert, always on the watch but evidently resting, didn't even flirt its wings - a Russet back. A Creeper came to the trunk of one of the big redwoods; I could see insects fly out as it climbed up the trunk of one tree, then another. For some minutes it pressed with- out changing its position. When it came to the tree next to the cottage it flew out to the shingles, crept up and explored all the cobwebs under the overhang of the roof. Then it came to the redwood nearest the steps (five feet from me) and then flew across just above my head to the rock tree on the other side of the steps. From it returned to the redwood circle and moved around, alighting on redwoods, oaks, madrone, D. Douglas Fir, while watching him I heard a W.W. Wren calling on the island in the mirror; saw Chickadees and a Hutton Vireo. Just before noon a Townsend's W. in full plumage.

1943

Oct. 6. A change in weather. No sunshine all day.
Birds much more abundant. Near the food-& foodtable:
3 Wh. Towhees (1♀ male with bald spot on side of head);
pr. Brr. Towhees;
Juncos, Fox Sparrow, both Russet backed & Hermit
Thrush. Once: Anna Hummer, Steller jay.
The Towhees. Fox Sparrow and both Thrushes ate
ripe coffee berries. In watching the Thrushes
I found I could distinguish between them.
Russet back, larger, heavier bill, yellower on throat,
white back feather, less alert or perky. Hermit
reminded me of European robin - Reddish
Lighter than Russet back and sides and towhead.



Oct. 7. As we drove back to Berkeley we stopped at
11 a.m. in Scott Valley, first at the oaks
where there were many Song Sparrows and
Puget Sd. and Gr. Sparrows. At the junction
at Campbells a Killdeer, Sparrow Hawk
and Flicker. In the woods back of Camp
Evers Van Stalen's store among the live oaks
and among weeds: Black Phoebe, Slender-billed
Nuthatch, Titmouse, Chickadees, Bush-Tits,
Hutton Vireo, Bluebirds, Meadowlark (in distance)
Brewer Blackbirds, Linnets, English Sparrows,
Juncos, Brown Towhees, Puget Sd. Wh., Golden-c
Sparrows, Song Sparrow. With the Spurred

Sparrow flocks were a few larger sparrows with more decided streaks on the under (probably Lark Sparrows) and many small, sand colored, light breasts, sparrows with light line above eye which I suppose must have been Clipping Sp. I have never seen them in migrating flocks before. (At Dumbarton Bridge at 2:45 p.m. tide was out in the marshes with plenty of mud exposed. At most had Sp. Billed Marsh Tattler, many Lt. Curlew (50+), Willets ab., Black-bellied a few, Bl. Plover < and Western Sandpipers ab. at least and Dowitchers 200±, White Pelicans > 100±, Avocets (many flying), Shovellers a few, Willets, Least Sandpipers, Hirocetts 100-150 resting)
Very few Ducks, no Geese or Cranes, Egrets.

Oct. 8. Three Fox Sparrows in the east pool
Oct. 9. Large flocks of Bush-tits bathing. Also Townsend warblers in full plumage at pool with them. Flickers increasing.
Oct. 12 Faculty Bird Group had their first trip — to the brush covered hills on Bret Harte and Keeler Ave in North Berkeley. Beautiful weather. Birds very abundant, especially migrating sparrows. Redtail + Sp. Hawk (1 each) Quail (gith ab.), 1 Downy Woodpecker + Flicker (ab), Anna Hummer (1), Calif Jay ab., Bush tits (2 flocks) Wrentits ab., Virgin Wren (1), Thrashers (1 singing, perched on roof, Robin, Cedar Waxwings (1 flock) Meadowlark (1 singing, Purple Finch (rare), Linnets (rare) Green-backed Goldfinch (rare) Siskins (flying over), Brown Towhees (rare), Sp. Towhee (rare.)

Oct. 12 (contin.) Fox Sparrow (2 heard), Nuttall Sp., groups, singing; Puget Sd. Sparrow (very ab.) Gambel Sp. sg. - a few in full pl., Golden-cr. Sp. very ab., Song Sp. ab. 26 sp.: Heard only once: Ruby-cr. Kinglet, And. Warbler?

Oct. 13. A Hermit Thrush sang at dawn. J.T.A. saw 1 ♂, 2 ♂ and 1 on Norwood. Still beautiful weather.

Oct. 15. W. W. Wren in Berkeley. Went to Boulder Creek. Increase in R. Blackbirds, Flickers, Sp. Hawks. Puget Sd. Sp. in East Oakland. Dumbarton Bridge Tide high. No exposed mud west end. A few gulls on bay, none in pools. No white pelicans. Saw no Redb. Sandp. Ducks ab. (hunting began today) & Geese 300± Am. Egrets 7. Many Least, a few W. Sandp. Very few N. Phalaropes. Willets 150 on gravel W. Over the airfield near Sunset City circling 150± W. Pel.

Oct. 16. Cold night at cottage. Gorgeous sunny day. a.m. Birds more ab. Heard Sp. Hawk (meadow), Kingfisher, Black Phoebe, Flicker, Steller Jay, Chickadees, Ruby-cr. and Golden-cr Kinglets, Robins, Hermit Thrush (ab.), Hutton Vireo, Y-b. Goldfinch, Juncos ab., Fox Sp. ab., Sp. + Br. Tow., Gc. Sp. aav., Song Sp. in distance.

P.M. Santa Cruz. Tide very high, fair surf. 1 W. Grebe, many Br. Pelicans, Scoters (dull pl.) Willets (10) (on beach W. end), Flocks (2) Sanderling flying, 1 Cormorant, many gulls, esp. Heermann's.

Oct. 17. Cloudy - Last night warm. Misty rain all morning. At dawn time a Sparrow came on to table; like a crowned Sparrow but throat paler, breast darker, full gray but center stripe of head narrow. Must be an immm. White-throat ~~Eastern~~ tail coverts show out white (abnormal?)

Oct. 18. Rain at times during night. Colder with big fleecy white clouds in very blue sky. Breezy. Very few birds Hermit Thrush conspicuous. Chickadees. Pygmy Nuthatches

Oct. 20 Rain except p.m. Birds that come frequently to pool, for coffee berries or for oatmeal: 3 G-c. Sparrows, 2 Bs. Tow. 2 Sp. Towhees, 1 Hermit Thrushes. Also acc. flock juncos. The bird I thought might be an imm. Whitethroat is a Golden-crown with the center crown just beginning to show as a narrow line. — also white under tail coverts

Oct. 21. Berkeley. Beautiful after the rain.

Oct. 22. ~~J. T. A.~~ Great-horned Owl gave a very loud three-syllabled call just outside my window. Flew when I turned over in bed.

Oct. 27. Lady Birds walked up to Poultry Farm, back by Canyon Road. Birds scarce. 1 Redtail, 2 or 3 Flickers, 1 Phoebe (giving three syl. song). Calif. Jays, 15 Juncos (2 sq.), 4 Hermit Thrushes, 1 Hutton's Vireo (?), 4 or 5 Goldfinches in vine (bright plum.) 1 fl. Juncos. Fox Sp. (calling), 8 or 9 Sp. Towhees. 1 gr. crowned Sp. (Stadium Rim). (Fox Sp. sq., N. Thrush Road) Mrs. Fletcher told me that when they went up to Tahoma Beach, Lake Tahoe in late Aug. they found a dead Hummer in the cottage — must have come down the chimney. Again end of Sept. in dead Cooper Hawk which had crashed through a window. (Last attempt to Lead bird trip)

Oct. 30 See next page.

Oct. 31. Boulder Creek. J. T. A. reported Varied Thrushes. Clear. Last night - cold. Light frost early a.m. Very few birds until 3 p.m. when a flock of quail crossed near gateway. Then at 3:30 when the area to west came into shadow birds came from that direction; Juncos. Sp. Towhees. Chickadees

Hermit Thrush. Ru. Kinglet. Hutton Vireo. They flew across the open space along our roadway, alighted in brush to east and continued to follow into the sunny woods near the gate. At the same time I watched the birds in a small blossoming heather. As soon as the brush came into the shade they all left. Deep deer tracks in veg. garden.

Oct. 30. Dumbarton Bridge. Tide high

1 W. Grebe (day), 1000 ± Eared Grebes (last pool n.), 2 Pied Bills (west end); White Pelicans 75 ± (S. ±) Gt. B. Heron 1 " " , Ducks 1000 ± (Pintails + =) Willets 100 ±; Avocets 1000 ±, resting in masses; Red B. Sand. 2 - first this fall. Least a few. Bon. Gulls 2. Forster Tern 1. Pipits <

Nov. 1. Boulder. Skim of ice on pool, frost. Clear.

Five Sp. sq. 8:30 a.m. and on several times. Robin, Ru. Kinglet heard once. W. B. Creep, Varied Thrush, Creeper and others as on Oct. 31. Rudd flocks 4:30 p.m. Rested in sunshine with arms and legs bare - very warm.

Nov. 2. Fine April morning. See map. Returned to Berkeley 5 p.m. Warm

Berkeley Nov. 3-5. W. W. Creep heard calling often. Hermit Thr. sings many Ru. Kinglets

five flew against b. window in living room 6 p.m. Nov. 3 -

(sent to M. V. Z.) Nov. 5: Hamilton Cam. Birds etc. Thrasher, Towhee, Wren-Tit, Towhee, Red-wd. W. Pewee, Fitch, Br.-Sp. T. Sp. Hawk

Nov. 6. Last mild warm. 5 p.m. - fires burned hillside across canyon. (also head of Drought Way (Lois.)

Nov. 7. A large flock 600 - 800 ravens (?) could be seen against the burned hillside as it flew up the canyon toward the dense trees at the top of the ridge 9:30 a.m.

Nov. 8. Still warm, some cloudiness. "Allen Hummers" found 21 Sp. birds along (Strawberry) Canyon Road. 16 Quail at west end near Stadium - Ser. Townsend Warblers. Kinglets 6.

1943

Nov. 9, p.m. A Hairy Woodpecker at the south end of stadium and in pines above.

Nov. 11. Weather still beautiful. Great flock of bush-tits at pool. Men not feeding the birds, but they come for water. Very dry.

Nov. 17. Still beautiful weather — no rain.

Nov. 18. Aquatic Park 3:30 p.m. Tide high. Many birds resting in the pools. Light dim Cloudy K.R.E. 100's of Sandpipers asleep. Gulls asp. Bonapartes. Killdeers Song Sp. Main Pool. Gulls. W. Cotg. Bon. Greg- Ducks - Ruddy. Bluebills. 1 Bl. Plover Egrets 4, Fried 3. Grebe 1. F. Cor. 1. Coots 30±, Willets 15+. 1 Killdeer Nuttall Sp.; And. Warblers. Rain in evening and all night.

Nov. 19. H. Thrush singing 7:30 a.m. Flycatcher

Nov. 24. A Gnatcatcher below the road with Bush Tits in Hamilton Canyon — 2:30 p.m. Warm.

Nov. 26. Still beautiful weather In H. Canyon two Ruf. sp. Sp. crossed from below the road to the oak tree above the wall above the road at the hair pin turn.

Dec. 2, Nights colder. Warm sunny afternoons. Hamilton Canyon 2:30 - 3:30 p.m. Amer. Pipit 1 Flickers, several, calling often. Calif. Jays 2, Coast Jays 2, Bush-Tits a few. Wren Tits — only one, Hermit Thrush one heard — Robins several — one flock of 25 went to large eucalyptus on hill across the creek. R.C. Kinglets 2 heard, 1 Hutton Vireo 1 heard, Finches heard (H.), G.-C. Sparrows, small fl., Brown Towhees 3, Song Sparrows 2

Dec. 8. Strong North wind all night over most of state. (Rain Q.
Continues through day.
Dec. 9. Still windy. Chilly.
Dec. 10. Less windy. Birds are coming for food as well as water.
Dec. 12. Warmer. No wind — Sunshine. Many Fox Sp., Sp. Towhees come for food. N. Sh. for water. Bush-tits in large flocks. Occ. Song Sparrow.
Dec. 14 From the N.W. porch I could hear grouse calling in the bottom of the Canyon (Canyon Rd?)
Dec. 16. — T.T. heard a Varied Thrush whistling across M. Rd.
Dec. 17–24 Fox Sp. Spt. Tow. at table (apple, oatmeal seeds & Song Sparrow fleeth table when I was sweeping pool light rain (20th)
Dec 25 Still no frost. A little rain.
Dec. 26 One night during the past week a Screech Owl called frequently — very musical trebles. At times a continuous trill, at times single note followed by trill.
Dec. 27 - Cloudy -
Dec. 28. A real rain. Varied Thrush north of house.

1944

Jan. 3 - Still raining, heavy frost across the canyon. A large group of small birds seemed to be mostly Ruby-cr. Kinglets with some Town. Warblers. Heard a junco, a Bewick Wren and a Wrentit sing - during the day

Jan. 4 - 10 - More or less rain. Have been putting out bread for the birds - dry bread softened in hot water. 2 Song Sp., 5 Fox Sparrows and two Sp. Towhees come regularly. Very seldom hear a Calif. Jay - Robins have been in the garden occasionally. Yesterday Jan. 9 I heard a Winter Wren calling below the house. Bushtits abt. occ.

Jan. 11 - No rain - clear sunshine in afternoon. J.T.A. took me to the Aquatic Park 3-4 p.m. - There were many Ruddy Ducks and Bluebills, perhaps a hundred of each. Saw 2 Am. Egrets and one Forster Tern and two Far. Cormorants, Coots very actively diving. Gulls abt. noticed a few Western, many Glaucous-wings.

Jan. 17. Warm sunshine. Hamilton Canyon 3 p.m. - Very few birds. Flicker, Titmouse, Wren-tit, V. Goldfinch flew over high. 1 Red tail. Calif. Jay. Steller Jay - Anna H. Towhee - (No sparrows or towhees.)

Jan. 23 - 25. Song Sparrow and Vigors Wren singing.

Jan. 26 A Vigors Wren came on to the window sill and went over shingles next to the last window in the front bedroom - Spiders or Spider webs.

Jan. 29. A pair (probably) of Horned Owls were calling near the house - low pitch, then high pitch. Cloudy and cold again. Rain at night.

Feb. 5 Clear after heavy rain.

Feb. 6. W. W. Wren below east porch. More birds singing, esp. Song Sparrows. I hear many comments on the abundance of robins on the campus and elsewhere.

Feb. 9. Mr. Harwell quoted as saying he counted 700 robins passing his house [illegible]

Feb. 11. Cold clear days, N.W. wind. Today juncos joined the Song Sp., Fox Sp., Sp. Towhees and Wrentits that come for food. And. Warblers were in the trees yesterday and I watched one take an oak moth and eat it. Many moths the past two weeks, windows covered at night.

Feb. 15. Found out that the robins have a roost in Eucalyptus trees near Sunset Cemetery.

Feb. 17. A Bush-tits nest reported in bean vines in last years V. garden. Clear. Cold.

Feb. 19. Rain. Blue Jay (Calif.), juncos with other birds at table. Wren-tits (pr) still come (oatmeal). A pair of Brown Towhees are here during sunny hours. Hear titmice often.

Feb. 20-22 Very stormy - one heavy hail storm. Junco and Hutton Vireo; Song Sp. + Varios Wren singing. Robins have cleared up most of berries. Saw titmouse pulling out cocoon fr. oak leaves

Feb. 23. In the evening two Horned Owls - one on redwood at 29 Mossrock, the other across rd. at 38 Mrs. Hosting.

Feb. 27, 28, 29. Stormy - heavy rains. Warmer -
Birds taking a great deal of food from table
Feb. 26 - Hamilton Canyon. Warm sunshine. Saw
male Rufous H - later a female, A pair of
Redtail Hawks seemed to be interested in Eucalyp-
tus trees to south - across the canyon. One soared
about in different directions, always coming
back to them. Other came in from distance,
flying very high until straight above the trees
then dropped directly down. N.W. wind.
Saw one Sh. Sh. Hawk. Heard Thrasher singing
far up the canyon.
Mar. 1. Still stormy. Clear late p.m. Went over
to Inwood Cemetery, east entrance to see
Robins go to roost. Many Townsends. Large
Pines, Cypress and Eucalyptus. Alighted
first in pines north of road and on wires.
Later crossed to Eucalyptus on south
boundary to east. Brewers Blackbirds came
into trees at north after robins left. 1000s.
We left at 7:10 p.m. War tunes. Robins
still flying in.
Mar. 2 - 4 Rain. Flocks of Siskins in M. Pines.
Cold " " Juncos " oaks -
Mar. 5. Clear, Warm. Purple finch singing -
New leaves beginning to show on some oaks.
One G. C. Sparrow on table. Also Calif. Jay -
Wrentits pr., Fox Sp., Sp. Towhees, Br. Towhees
Song Sparrows.

Mar. 6. We started to Boulder Creek but weather became too threatening and we turned back at Palo Alto. Birds at the Alvarado Pools were very abundant but many of them were too far away to be identified. Ducks were mainly Bluebills and Shovellers. A few Avocets near by. Then birds of all sizes from Least Sandpipers up. At Dumbarton Bridge Ducks were as the same two species. 600± Eared Grebes, 50± Willets and all three Sandpipers in small groups, mixed. Perhaps 1 Redback, 1 W. 1 Least together. Many Sparrow Hawks, and Shrikes. Three Shrikes in trees along the Dumb. Bridge road east of the Bay Shore Hgway. Large flocks of Brewer Blackbirds.

In Berkeley many Purple Finches singing near home. Also juncos.

Mar. 8. Clear and warm so we went to Boulder Creek. Meadowlarks singing.

Mar. 9. B. Creek Beautiful, warm even at night. Many birds singing: W-W. Wren, Hutton Vireo, Juncos, Creeper, ~~Black~~ Phoebe, Kingfisher rattle heard several times. (No Lutescent Warblers anywhere) Put out oatmeal soaked in fat. Brown Towhees 4, 3 Sp. Towhees, many Juncos came. A Sp. Towhee was bathing while the male Br. Towhee was feeding. Then the Brown T. alighted on the rim of the pool and glared at the Sp. T. who went on splashing for some time. When the Sp. T. flew the Brown T. attacked, and they flew up fighting, down fighting, under a bush fighting

Th. The Yfs. Towhee came back to the pool and took another splash. At last the Br. T. has met his match. He dominated even over Cal. Jays all last summer. Full moon
Mar. 10. Still warm, summery. Daffodils in bloom. Creepers singing often. Cooler night.
Mar. 11 - High fog until 10 a.m. Then clear, warm. Started home at 2 p.m. - Cold all the way until we reached Oakland. Stopped at Alvarado Pools - Very many birds: Ducks - 9/10 Shovellers. Bluebills. Saw a few Pintails and Baldpates. Many Gulls in distance Bl. Plover, Red b., W. Least Sandpipers. Probably many more but light difficult.
Mar. 17 Berkeley - Cold north wind for several days.

Mar. 18. Warm again. Returned to Boulder Creek. Alvarado Pools: Coots very ab. Bluebills >, Shovellers >; a few Pintails, Baldpates; Yellowlegs (Lesser - smaller than Willets) 3; Gulls (2 sp.?), Bl. Plover. Water decreased. Dumbarton Bridge. Tide very low. 11:30 a.m. Bluebills to Shovellers >, many ducks flying. Willets; Avocets ab. in area where they nest. Males bright cinnamon. Eared Grebes 300+. At the bridge tide was out and many shore birds were feeding. No stop to identify them. Many W. Grebes on water. West end. 1 Lb. Curlew. A few Bl. Plover (molting), Willets, Sandpipers.
Mar. 19. Boulder Cr. No migrating flocks.
Paired: Junco (1 pr. come to table together) Chickadees, Hutton Vireo, Br. Towhee

Creepers (pairs ? think), Purple finches singing.
No summer visitants, W. V. Hermit Thrush.
Mar. 20. Turkey Buzzard. North wind.
Mar. 21. Frost. Thin ice on pool. Warm day.
Black Phoebe (pr; near river.)
Beni Hashi Cherry in full bloom.
A flock of Gnatcil under bushes all day. 10-12
Heard a R.C. Kinglet sing in afternoon.
A Western Wren sang near river for some time
in afternoon. A Turkey Buzzard sailing
high from south toward Ben Lomond Mt.
Mar. 22. Returned to Berkeley. No Cliff Swallows
No S.V. in mountains. Prunus in bloom.
Alt Dam. Bridge 1. Tide very low.
West end: Bl. Plover, Lb. Curlew, Willets a few
Sandpipers. Ruddy Duck - 2 Am. Egrets.
Shoal W. Grebes ab.; at tide line Willets,
3 kinds of Sandpipers (no Stilt).
E. end: Avocets (nesting area); Lesser Grebes
200 +; Ducks, Blackbirds, Shovellers >,
Ruddies numerous.
Mar. 23. Lut. Warbler singing (Berkeley) near
house. (Females earlier than males?)
Many "chipo" heard before Mar. 15, no Songs.
Heavy storms end of Feb. & early March.
Mar. 24. Townsend Warbler singing. Clear, chilly.
Frost on Calves' shed early a.m. Mar. 24, 25, 26
Mar. 27. J. T. A. counted 15 Quail in road. Wind at night
Oaks in new leaf.

Apr. 4 Faculty Section Bird Trip on Campus. Cloudy.
Flicker, Hairy Woodpecker (Mrs. Irwin, Stix Canyon),
W. Flycatcher, Anna Hummer, Cliff Swallow,
Calif jay, Bush-tit, Wren-tit, Titmouse, Red-br. Nuthatch,
Dwarf Hermit Thrush, Robin, Ruby-cr. Kinglet,
Cedar Waxwing, Warbling Vireo, Audubon Warbler,
Brewer Blackbird, Purple Finch, House Finch,
Siskin, Gr. Goldfinch, Junco, Fox Sparrow,
Brown Towhee, Sp. Towhee, Nuttall Sp., Puget-Sd.
Sp., G-c. Sp., Song Sparrow. Total - 29 sp.
(Sent me by Mrs. Scott, leader)

Mar 28. W.V. Hermit Thrush, R-c Kinglets sq., Town. W. sq.
Fox Sparrow.
S.V. Lutescent Warbler, Hummer gave drawn out thin whistle (Rufous?) Warner.
Mar 29. A female Anna. H. scolding Calif. Jay. (nest near?) Warner. W. Flycatcher in holly and bamboo S. window in dining room.
One back to feeding alone! Junco sq. late.
Mar-30. Lut. W., W. Flycatcher, Pil. Warbler
Swift heard in distance
April 4. Showers. Many birds in oaks. Purple F., Tom W. Swallows. More Bluebird Warblers in
Clear p.m. - Fox Sp. Hermit Th. R.c. Kinglet here
Apr. 5. Perfect morning. Fox Sp. singing.
Pil. W., Lut. W., W. Flycatcher sq.
Song Sp. Virgin's Wren, Wren-tit, Purple Finch sq.
Apr. 6. 11:15 a.m. Puget Sd. Sparrows have just begun to sing in the oaks - Others as yesterday ~~except W.W.~~ Calif. Jay at table. Frost on calves shed early.
Apr. 7. Another beautiful spring day.
10:15 a.m. G-c. Sparrows singing; 11 a.m. Pugetensis;
5 p.m. Noticed swallows flying about International Home as we drove by -
Apr. 8. Rained most of last night. A. Brown Towhee sang for nearly an hour east of house.
7:30 - 8:30 a.m. Pugetensis later. Stormy.
Apr. 9. Clear, warmer. P.M. lay on N.W. porch. Robins eating worms (1/4 - 1/2 in), Bewick's Wren taking shucks into titmouse box. A female Anna H. came into oak branches just above my head and probed with her beak into cracks between stems (as if in search of scale or coltony cocoons?)

Apr. 9. (contin.) Lut. W. below porch toward west, singing continuously. Bil. W. below pool on east. Many Purple Finches. Blue R.c/kinglet chattering. Heard the call note of a Grosbeak. (Hermit Thr. A. Leaves)

Apr. 10. Cloudy. A Cassin Vireo singing. 11 a.m - 3 p.m. Rained all night.

Apr. 11. Cloudy, cool. Aud. W. calling.

Apr. 12. Many birds on oaks. Cassin Vireo singing - Aud. W. singing W. Vireo, Tolmie Warbler. Grosbeak - all singing. Pine Siskins.

April 13. Tolmie W. near house, singing. Lut. W. first to sing at dawn. ✓ ✓ ✓ ✓ ✓

10:30 a.m. Pugetensis:

Cloudy, cool. Light frost a.m.

p.m. Golden-cr. Sp. singing. A pair of Bush-tits searched the holly then pulled something from a crack in the brick pier. Robins < Purple Finches very ab.

Apr. 14. Clearer. 8:30 a.m. The woods are full of birds: all singing - Audubon W. flocks, Townsend W., Pugetensis, ls-c Sparrows, Purple Finches, At 10:30 a.m started to Boulder Creek. Found Alvarado Pools dry, most of the land plowed. Dumbarton Bridge; tide very low. Windy. Eared Grebes 400± Necks black, earplumes Bluebills, females (yg ♂) and young males moulting still quite numerous

Mallards, a few. Avocets, full pl. 1st pair

Blk Plover in full pl. - not very abundant.

Willets " " "

Lb. Curlew on mud exposed on bay -

Lesser Yellowlegs - one w. Willet - 2/3 size of W.

Apr. 14. (contin). Dum. Br. Pipits ab., only 3 Cliff Sw. seen on way, none at bridge. 1 Barn Swallow.

Apr. 15: Showers and sun - Breezy. Very few summer birds in. 1 W. Flycatcher, 1 Warbling Vireo, 1 Lutescent W. near cottage.
2 Sp. Towhee, 1 Br. Towhee. 1 pr. juncos. Single Chickadee

Apr. 16 Warmer. Breezy in afternoon. Heard the call note of a Pileolated Warblers and song of Black-throated Gray. No flocks of migrants as in Berkeley - 1 Purple Finch singing.

Apr. 17. Hermit Thrush singing (J. T. A.)
Started to Berkeley 10:45 a.m - Heard song of Pileolated Warbler from highway before we reached Boulder Creek. No swallows in Dumbarton Bridge Tide very low. Very few birds at westend - At Tide line, East end - and on mud - Willets, Black-bellied Plover (all in one place, full plumage) Godwits " " " " " a few Dowitchers, Sandpipers. 1 Yellowlegs. Two birds looked like Knots - bills short. Eared Grebes 400±, Bluebills 2, Avocets few, (On a rocky islet 1 Avocet seemed to be sitting on a nest in tidal slough. ?) Saw a few Cliff Swallows. Sandpipers 2. Ruddy Ducks in one salt pool - 25±.

Apr. 17. Raining all day - In the clouds. Mrs. Hackley reports Hermit Thrush. Young Allen Hummer full grown nest at Mr. Bullis garage. Feathers well developed. Fox Sparrow near pool (Margot)

1944

Apr. 19. Margot Swain (29 Canyon Rd.) reported nest + 5 eggs of Lutescent Warbler in ivy four feet from ground on side of house.

Apr. 20. Cleaning. North wind. Heard G-c. Sp. sq- Many birds feeding on cat tails - Wren-tits, Br. Towhees, Song Sp. Lut. Warblers, Robins, Linnets, Intermediate Finches, pr. Juncos.

Apr. 21. Clear. White frost on calves' shed. Saw 3 Sparrows - Spent 3-5 p.m. on N.W. Porch. Many robins. At 4:45 p.m. two Grosbeaks came in - both males. Have never called one in this way with such gradually louder and fuller voice. Cloud. W-

Apr. 22. Pif. W. raying. Br. Towhee sings behind house. House Wren - sq. - forest Linnet G-c Sp. sq. Hermit Thr. on terrace at dusk.

Apr. 23. Flock of Aud. Warblers, Pine Siskins, G-c. Sparrows - Many Intermediate Finches, Robins - Chilly, Cloudy. A Lut. W. east of pool (east)

Apr. 24. Light frost on calves shed. Clear. Cool.

Apr. 25 White " " " " . Birds abundant Grosbeaks singing all day. At 2 p.m. the following came to rest pool to bathe: White-throated Sparrow, sev. G.c. Sparrow, pr. Lutescent W., female Black-tailed W, Robin, Sp. Towhee. The White throated Sparrow was in full plumage. For several days I have been hearing in the distance a song that varied from that of the G-c Sparrow - three notes of equal length, lighter quality - too far away to tell if they were followed by other notes. The three notes. The middle one was lowest in pitch.

Miss Henrietta Burroughs reported robins sitting.

Apr. 26. Raining. Purple Finches, Grackles singing.

Apr. 27. At dawn Lutescent (2 of them), Ovenbird-Bewick W. Later, Tolmie W., Aud. W., Cassin Vireo, Bullock Oriole, Warbling Vireo, Tanager. At pool 1 p.m. 2-c Sp. full pl., Whitethroat-Margot Dunn reported Red-breasted Nuthatch for the neighborhood calling in pines above (at 21 Norwood). Also that on Apr. 22 she found the nest of Lutescent pulled out, young gone. She found three half shells - looks as if shells had been cut in hatching. Then young eaten by cat (?). She looked in the nest late p.m. Apr. 21, eggs still there-

At 3:30 p.m. at the pool; Fox Sparrow. Several 2-c Sparrows, Lutescent Warblers 2, Pileolated Warbler. Cloudy a.m. Sunny p.m.

Apr. 28. Dark & cloudy a.m.. Woods full of birds. 8:15 a.m. Oriole, Tolmie, Pileolated, Lut. Audubon W, Bewick Wren, Robin, Purple Finch, Br. Sp. Towhee, White throat sg - Grosbeaks. Wren-Tit, W. Flycatcher, Cal. sq Song Sp.; Townsend Warbler (flock) Pine Siskins. Tolmie W. sang

Mrs. Hadley reported a Russet-backed Thrush. Margot Dunn watched a pair of House Wrens building a nest. Overcast all day-

Apr. 29. Cloudy a.m. Sun p.m. At noon a group of male Tanagers were in the big oak west of the house. Late in p.m. an Oriole there. Birds decreasing.

A Lutescent Warbler came from under the edge of the porch across to east fence. Nest there?

Apr. 30. Overcast early a.m. Sunny later. Birds much decreased, Purple Finches, Siskins, and birds that are nesting. Decrease in robins Saw a Harris Woodpecker - spent 10 minutes in one spot on branch of oak west of house & Willow Goldfinch flew over - toward east. Much warmer Evening, Quail in distance.

May 1. Beautiful weather. Clear, warm. Br. Towhee, Grosbeaks, Purple Finches, Song Sparrow, Tanager (full pl. ♂), 2 Robins copg., Bewick Wren, Tolmie & Lutescent Warblers - Red Breasted Nuthatch at U.C. Juniper.

May 2. Perfect weather. Heard R. B. Thrush. Sq. at dawn & Lut., Grosbeak, Tol. W., B. Wren Br. Tow. calling. Later singing below house Quail in distance. Pil. Warbler. C. Jay There seems to be no Sp. Towhee nesting near the house - they are across road.

May 3. The Brown Towhee that has been singing seems to have a mate - two have been going about calling together. Male still gives a partial song. Beautiful day. Pair of Lut. W. at feed - one moved to porch at steps

May 4. Heard the Lazuli Bunting when I opened the window 7:45 a.m. - across the canyon. Heard Rb. Thrush.

At ten a.m. I heard the chit-chit, chit-chit of young birds - in the trees and flying carrying (juncos?)

The Brown Towhee is singing a more varied strain — — ... — — — — —

A Flicker giving its spring call - tuk tuk tuk tuk tuk

Six Grosbeaks on place at noon - one singing.

At Poultry Farm Br. T., Tolmie, L. Wren, Pil. W.

May 5. Another gorgeous day. Undergrowth is very lush because of April rains.
Total rainfall for the season 19+ inches.
At dawn: Robins, Grosbeaks, W. Flycatcher, Virgin's Wren, Lutescent Warbler, Tolmie Warbler, Lutescent Warbler, Brown Towhee. Song Sp. across the road. Wren-tits, Bush-tits.
10:a.m. A groups of Yellow Warblers (10+) singing and feeding in our oaks - (migs)
Gone before noon.
Linnets fly over but I have never found them feeding on oak worms. Purple Finches decreasing but still ab. 4q. bush-tits at Pied. & Cham.

J.T.A. saw a pair of gnatcatchers in road above house.

May 6. Fog early morning. Pileolated Warblers singing. Birds decreasing but Grosbeaks and Purple Finch still numerous & singing.
Rb. Thrush whistle (capt.)

May 7. " " " Cooler. Cloudy. By Towhee (calls)

May 8. Earliest dawn: Tolmie W., Grosbeak, Lutes. W. W. Flycatcher. Bewick's Wren. Calif. Purple Finch. Song Sparrow
2:45 p.m. Rb. Thrush, calls and song. Cloudy.

May 9. A clear bright morning. I could hear a gnat's calling lower in the canyon. Also baby Lutescent Warblers calling near the East pool. In the evening a Rb. Thrush was singing. W. Fly. looking worms.

U.C. spray. Many dead & dying caterpillars

May 10. Fog early. A Rb. Thrush singing continuously.
Sunny p.m. Chilly wind. A pair of juncos at N.W. corner of house — male singing.

May 11. Dawn chorus: Grosbeak, Rb. Thrush. Lut. W., B. Wren. W. Flycatcher & Wrentit in distance. Gros. & Th. just outside my window - both fine singers.
Calif. calls of 4q. Lut. W. in west. Harris Wdp. calling

Screech Owls giving tremolo notes every night.

May 11 (contin.) At Poultry Farm a Crested Jay, Linnets, Bush tits. whistle of Rb. Thr.

Warm p.m. From our west porch I could hear Lay. Bunt. Robin singing late evening.

May 12. Same dawn chorus - Brown Towhee has stopped singing. Rb. Thrush sg. constantly in morning. Harris Wdpk. calling. 10 a.m. A W. Vireo sang on and on with hardly a break between songs, Gambel's Quail voice, in the oak in the street.

Many of sg. rec. noted W. Wood Peewee absent

May 13. At 11 a.m. I heard a Chat calling and singing east of the house. Stayed a very short time. Harris Wdpk. near N.W. porch. A family of Lut. Warblers came into the oaks next to the N.W. porch in the late afternoon: Bewick Wrens very busy feeding young in the lower box. Sg. calling.

3 Br. Tow. scratching in garden until 2 p.m.

May 14. Showers - Birds singing: Rb. Thrush, Grosbeak, B. Wren. Song Sp. (increasing). Warbling Vireo. Steady rain in afternoon. (Calliope H. found by W. Russell in pool, drowned.

May 15. Clearing. Many birds about. At dawn Rb. Thrush, Grosbeak. Later W. Vireo. Pil. Warbler.

From N.W. porch p.m. W. Flycatcher, H. Wdpk., Robin, B. Wren, Lut. W. w. yg., Pil. W. Junco. Grosbeak, Siskin, Linnet (flying over); Bush tit. Rb. Thr. Hummer, Lazy B. across canyon. W. Vireo.

May 16. Perfect morning weather. Pil. Warbler very conspicuous - After 9 a.m. chilly with clouds and cold wind.

May 17. Raining. Rain all night. Gros. & Thr. at dawn. Later A Cassin Vireo singing. Lut. W. family below house. Pil. W. singing frequently.

May 18. Cloudy - Junco singing across Mineral Road. Clear p.m. Lut. W. family still below house. At 5 p.m. a family of titmice near front gable. Decrease in songs of thrush and grosbeak - (gone on to nesting localities?)

1944

May 19. At dawn a Grosbeak sang and sang. Two (or more?) thrushes whistled all varieties of notes but I heard only song at a distance - When the grosbeak stopped I could hear the Tolmie W. Lut. W. W. Fly. Wren tit in distance and a Song Sparrow occasionally near by - No Spotted Towhee but B. Towhee chipping. A Pileolated Warbler began and then a Oregon Wren at first not close, then near box - combined with the squeaky teasing notes. After perhaps ten minutes the calls of the young were clearer and when I got up the brood was just beyond the bird pool.

8:30 a.m. I can hear a Sf. Towhee across Moorwood Rd.

May 20. Beautiful day. Left Berkeley 10 a.m. for Boulder. Alvarado to Dumbarton Bridge:

2 Burrowing Owls on posts
1 Short-eared Owl flapping over field -
1 Shrikes. Cliff Swallows ab. about barns - 100+
1 Barn Swallow, Lunata, Eng. Sp -
B. Blackbirds. Redwings ab -

Dumbarton Bridge - very few birds -
Cliff Sw. ab. at bridge 4 Barn Swallows
6 Willets in group - 30± Forsters Terns;
15± Avocets - singles or two or three in groups. probably males -
No Grebes. Phalaropes. Sandpipers or plovers -
No gulls.

(In Berkeley. Hutton Vireo sg. in garden. Hairy W.)

May 20 (contin) In the town of Boulder Creek:
7 species W. Vireo, Yellow W., Rb. Thrush, Olive-sided Flycatcher, Grosbeak, Junco, Purple Finch in 15 minutes listening from car opp. grocery. On our place: Quail, Kingfisher, W. Flycatcher B. Phoebe Olive-sided F., Flicker, Woodp., Creeper, Chickadee, Creeper, Rb. Thrush, W. Vireo, Cassin V., Black-thr. W., Pil. W., Tanager, Grosbeak, Junco, Br. Towhee, Sp. Towhee. Heard a flock of Cedar Waxwings as it passed over the hill. Br. Towhee sings occ. Still very aggressive. Attacked Sp. Towhee which is carrying food to nest in brush next path in front of porch. Female scolded me as I walked by. Rock roses, azalea, locust, broom, pines in full bloom.

May 21. A Black Phoebe fluttered near mushroom pool, finally alighted on edge where it stayed a minutes or two. Hutch. Vireo about all day. A pair of quail came past the feeding table and went into the brush, when J. T. A. drove in. pairs. at noon two 3 p.m. A duck, above the tops of the trees, flew down the river. A young Allen Hummer came to the red rose. A pair of Bush-tits. I heard the Spotted Towhees making a great fuss so I went to see what was the trouble. As I stood in the path something wriggled in the dead leaves under the brush Then a tiny bird came out into the path. The birds had left the nest — very tiny, fine streaks on breast. Quail excited and a Tanager came into the brush above them, calling. Half an hour later the male was singing.

Misty fog a.m. Sunny p.m.

Bird List for Boulder Creek. May 20 — 26, 1944.

Horned Owl, 2 Turkey Buzzards.
Duck — flew above trees downstream May 21.
Quail — Two pairs.
Mourning Dove — heard — Probably in meadow.
Kingfisher
Hairy Woodpecker, Calif. Woodpecker in distance
Allen Hummer — one female (or young?)
Calif. Jay (in distance)
Steller Jay " "
Olive-sided Flycatcher
Ash-Throated " (in distance)
Western "
Swallows (2 sp.?)
Bush-Tit (2 pr.)
Chickadee

W. Winter Wren
Creeper
Brewer Blackbirds (town)
Rb. Thrush
Hutton Vireo
Warbling "
Cassin "
Lutescent Warbler
Bl. Thr. Gray "
Chrysolated "
Yellow " (in town)
Waxwings
Tanager
Purple Finch
Grosbeak
Siskin
Gb. Goldfinch
Junco
Br. Towhee
Sp. Towhee
Song Sparrow.
Eng. " (town)

Along Grade to San. Gap.
1 Large swift (Wh. Thr. or Black?)
Varios Wrens, Wren-tit.

May 22. Fog cleared at 9 a.m. Black Phoebe singing - Mourning Dove heard.
Sp. T. carrying food into Thicket east of porch.
Near the Boulder Creek bridge (new) an Ash-Thr. Flycatcher.
Chilly wind all day - J T. heard a Gt. Horned Owl at night

May 23. Warmer. Near the R.R. bridge pier - W. W. Wren,
Lutescent Warbler. Many birds singing.
In redwoods at our entrance a pair of
Purple Finches (nest?). A pair of Green
backed Goldfinches came to the one and only
seed head of Bachelor's Buttons.
Pair of quails - male most attentive, on
guard while she was at the nest, while
she took a prolonged dust bath, while
she ate - &c.

May 24. Low fog. Clear 8:30 a.m. Male quail alone 9 a.m.
Pair rest of day (still laying eggs?)

May 25. Three pairs of quail together.
Winter Wren below cottage much of the time.
Brown Towhee - pair feeding 99. in nest in white rock rose.
All three Vireos conspicuous. Warm, summer.
Spotted Towhee singing constantly. B. Tow. till 8:30.

May 26. Started home 10:15 a.m. Lunch in Palo Alto.
Dumbarton Bridge. Very few birds.
W. end 3 Am. Egrets. Bridge: a few gulls
many Cliff Swallows. East end: 17 Avocets.
3 Snowy Plover
a few terns in distance. At Gas Station in Palo
Alto, large ods: 49 Wood Pewee! Calif Wdp. at nest.

May 27. Berkeley. Dingy fog all day - Lut. W. at pool.
Possibly a Lazuli Bunting
[Yellow W. singing a.m. (still migrating?)]
Bewick's Wren singing (as if nesting again?)

May 28. Still foggy. Tolmie W. sq. in garden. Laz. B(?) heard.

M. 29. " " Grosbeak first bird at dawn. Then Lut. W.,
Sp. Tow., Bro. Tow (call notes only), B. Wren. Pil. W.

May 29 (Contin.) At noon I saw a family of Bush tits and at 4 p.m. - a flock (2 fam?) was bathing in the east pool. One adult Brown Towhee was scratching in the dead leaves while a full-grown young-ster kept very close & be fed. A family of Lut. Warblers in oaks. Oak worms large and beginning to drop from trees. Saw a Downy Wkpk. on bay tree outside kitchen.

May 30. Beautiful day. The W. Flycatchers seem to be nesting under the garage. (One is giving a call I have never heard before — a very loud, open, two syllabled call repeated two or sometimes three times.) Nearer me was another busily gathering food which gave the usual swee-eet which I have always supposed was given only by the male. Query - were there two males there or does the female give the swee-eet call? Thrush sings late each evening -

May 31. Raining! The two brown towhees still together.

June 1. In the cloud. A thrush sang continuously just outside my window. A pair is to all appearances nesting there - Spotted Towhee sings there too. Perhaps raised the first brood across the street; now on their side. Birds singing 9 a.m. Song Sp., Sp. Towhee W. Flycatcher, Lut. W. (in distance), Vigors Wren, Purple Finch, Rb. Thrush (2). Two B. Towhees still together. Later heard Titmouse giving chick-a-dee call. Saw family Tolmie W. Wren-tit. Bush-tits (flock), a Sp. Towhee with peculiar song, three syllabled, repeated three times. Loud-Pil. W.

Lazuli Bunting seen Feb. 29 & Mar. 1 (see p.)

Pewee, Sp. Towhee

see May 30

1944

June 2. Still cloudy. Awake at dawn: Grosbeak, Thrush, Bewick Wren, Lutescent W., Tolmie W. first to sing. At 11 a.m. a Robin was singing in the rain.
Total for yesterday and today 165 species.

June 3. Suddenly clear. Same dawn chorus. Tolmie Warbler under my window. At 9:45 a.m. I heard the unusual note of the W. Flycatcher again - very loud but undoubted flycatcher quality - four times the volume of the Sweet call Brown Towhee still feeding its one chick. Family of Wren-tits high in oaks.

June 4. Clear, warm. " " " Tolmie W. singing constantly. Pil. W. not heard nor juncos. Stronger calls of W. Fly four times at long intervals; Sp. T. only twice - Saw first fo.m. Goldfinch stopped a moment n.

June 5 - Even more clear. Third day. So many birds singing. Pil W. and W. Vireo east of house. Lut. W. (2) A Lazuli Bunting in our oaks at 3 p.m. singing in full song again. Both Anna & Allen females seen

June 6 D-Day! A pair of Bush-tits gathering food. All the birds still singing. A Flicker called at the top of the steps

June 7. Clear, warm. Could hear House Wren singing at 555 Canyon Rd. below us. (Has been nesting at 49 " " above the light in a garden lantern. Spotted Towhee giving his peculiar song, heard several times through the day. At 7:45 p.m. a young Hairy Woodpecker was trailing an adult through the oaks below house.

June 8. Songs decreasing. Thrush sang only a few phrases last night. Bewick Wren still continuous. Heard House Wren down the hill toward 555 Canyon Rd. A little Red-shafted Flicker reported Whitecr. Sp. feeding three young on the campus (Bowerman Way).

June 9. Discovered a Bush. Tits nest in oak, at our entrance. Nest in branch overhanging street about 15 ft from ground. Young calling, parents feed often, paying no attention to me. Then call of grosbeaks when feeding young heard all day — "ar-whee-ors" — above us, across Monrovod Rd. Chilly in late p.m. Tolmie Warbler singing

June 10. Cloudy all day. At dawn Grosbeak, Thrush - Later the same as usual. Peculiar call of W. Fly. (?) at 7:45, of Sp. Tow 8:30 a.m. Tolmie W a constant singer

June 11 Clear after early morning fog. Bush-tits still feeding in nest at entrance.

June 12. Bush-tits flew. Margot Swan saw a Brown Towhee with a baby Bush-tit in its beak. Brought Swan p.m. the Bush-tit for me to see. Tail ½ in. It was still breathing when she picked it up after the Towhee dropped it, but dead when she showed it to me.

June 13. Cloudy. Left at 10 a.m. for Boulder Creek to stay until June 22 (when new gas rates come in) Dumbarton Bridge. Avocets very excited. Young (3) ½ grown, much down, wing feathers in sheaths. Camouflaged against island (dark) with salt grass. Many swallows. Nothing else seen - Clouds all the way. Saw a Green Heron. Water Pipit.

June 14. Still Cloudy and chilly. Both. Sp. Towhee and Br. Towhee building a nest. Sp. T. in rock rose where Br. T. raised its first brood. In the morning the Br. Towhees (pr.) were still carrying food to west part of place. P. m. carrying grass toward north. Chickadee families. Heard Squid. Kingfisher, Calif. Woodpk. Phoebe W. Fly catcher, Olive sided Fly, Winter Wren. Chickadees, Creeper, Rb. Th., Warbling, Hutton, Cassin V.,

Pil.W., Tanager, Towhead, Yb. Goldfinch, Junco, Br. Tow., Sp. Tow. Song Sp. Agopher has been very active. J.T. caught one. Gopher snake nearly 4 ft long. Br. Tow. bldg. just back of rose trellis - perches grass in bill and pulls it out by roots - also takes what J pulls out awhile ago. Five times during 10 min.

June 15 Still cloudy. Timed Sp. Tow - 5 times in five minutes. Mate had two of first brood in path this side of nest. Female does all of the building. A Rb. Thrush ran across the porch. Saw female Sp. Tow. go to nest; Br. Tow followed, drove out, fight. " always goes into and out of the one opening she always uses. 4 p.m. - Looked at Sp. Tow. nest 3½ feet from ground in white rock rose, not inside but on edge, open above. Birds not seen near it since 10 a.m. - Finished. Br. Tow. has not been carrying grass today. Probably finished nest last night.

June 16. Looked at Sp. Tow. nest - no egg. Br. Towhee (male) feeding full grown yg. birds. Sp. Tow. not seen near nest. Cloudy until late afternoon, J.T. heard Hermit Thrush. Homed Owl.

June 17. J.T.A. heard a Hermit Thrush singing in trees near water water at dawn six times. Br. Towhee brought a young bird to table. Clear after 9 a.m. - went down to river 4 p.m. - 4 yg. Anna H. catching small insects over water, darting back and forth in one small area for 3 min.

June 18. Robins singing at dawn. Quail come out from roosts in Lupin & rock rose near electric pole. Br Tow. (male) feeding 1st brood; 1 yg. on table feeds himself at times; Sp. Tow. - one egg in nest. 1 yg (1st brood) on table alone. Dripping fog a.m. Sun p.m.

June 19. Male Br. Tow. & male Sp. Tow. each has only one of first brood in Tow. 4 yg. Sp. Tow. feeds himself. Last

male Br. Tow. feeds youngster but drives away his mate when she tries to come to the cache with him. To all appearances she is sitting. Have not found her nest. Sunny day -

June 20 Br. Tow. gave water to youngster. Both on edge of park

Sp. Tow. nest - 3 eggs. Sitting. Scolds near by.
Ash-thr. Fyc. heard in distance.

June 21. Looked into Sp. Tow. nest - 3 eggs. Sitting.
Rained during last night and early morning; warm -
Blck-thr. Gray Warbler singing near house - Song Sp. has been heard near river occ. past week. H. Woodpecker.

June 22 Rain last night and early morning. Left for Berkeley 10 a.m. - At Mission Springs Jction - Morning Dove, Wren-tit, B. Wren, Calif. Woodpecker, Ash-thr. Flycatcher. Scott. Valley - Cliff Swallows ob., Killdeer, Gb. Goldfinch, M. Dove,

June 28 - Aug. 21. Alta Bates Hospital.
Common birds: Nuttall Sparrow, Robin, Linnet (to Aug. 17 young July 6) English Sp., Brown Towhee. Quail, Gt. Horned Owl, Mockingbird, Screech Owl (July 5). Warbling Vireo, Bewick Wren.
Third half of period: Rb. Thrushes, Cliff Swallows (occasional; this appeared early) Brewer Blackbirds
Aug. 24. R-b. Th. at dawn.
23. Moorwood Rd. flickers (heard) Warblers, ~~Towhees~~ (Lutescent ?)
Aug. 25. Vigor's Wren singing. Song Sparrow, Calif. Jays, Anna H., Lut. W., Bush-tits Wren-tits
Aug. 26. Bush-tits (flocks) Flickers
Aug. 27. Rb. Th., Warbling Vireo, Song Sp.

Aug. 27, Calif. Jay, Flicker, Bush tits. No. 3p. Tow heard.

Aug. 28. Calif. Jay, Vgn's Wren -

Aug. 29. Rb. Thrush, Calif. Jay, Bush tits, Song Sp Wren tit, Rb. Towhee, Vgn's Wren. Anna Hummingbird -

Aug. 30. Downy Woodpecker, Warbler (call), Vgn's Wren, Wren-tit, Song Sp., Spotted Towhee, Calif. Jay, Flicker, Yellow Warbler, Rb. Thrush, Bush-tit Rb. Towhee -

Aug. 31. Flicker, Lt. Horned Owl, Fil. Warbler -

Sept. 1, Lt. Horned Owl, Titmouse (very scarce)

Sept. 2 " " 4, Screech Owl, Rb. Th. in terrace, Vgn's Wren (singing)

Sept. 3, Lt. Horned Owl. Bush tits, Tow. Warbler (Lois), Wren-Tit, Flicker, Hutton Vireo Calif Jay, V. Wren, Titmouse. A Warbler migration but missed them for minutes they were passing about 11:45 A.M. from descriptions of nurse: Yellow, Audubon, Townsend.

Sept. 4, 5. Allen Lt. (?) flew over porch p.m. Linnets, Purple Finch, siskin, juncos, Rb. Thrush, Spotted Towhee near.

Sept. 6. Sh. Hk. (or Cooper Hawks), Rb. Towhee
Gt. Horned Owl, Lut. Warbler, Hutton Vireo,
V. Worm, Worm-Eat. Crested Jay (4 fam. groups)
Sept. 7. Gt. H. Owl, Rb. Thrush, Gb. Goldfinch
(flying over, Linnet) Rb. Towhee, Calif Jay
V. Worm, Worm-Eat, Song Sp. Titmouse.
Sept. 8. Downy Woodpecker. Chamt warm
from 7 a.m. (Sept. 7, Anna H. on coast)
Sept 9. Screech Owl, Gt. Horned Owl,
(W. W. Worm at dusk?)
Sept. 11. Barn Owl, Gt. Horned Owl (Lois)
Wave of Warblers 11:30 - 11:45. Yellow,
Lutescent, Townsend, (Audubon?). At
dusk eating cotoneaster orientalis &
Rb. Thrush, Bush-tits, titmouse
Sept. 12. Woodpecker (Hairy?)
Sept. 15. Hermit Warblers
Sept. 16. Robins. Bush-Tits, Titmouse
Sept. 17. Crested Jays.

(Since Sept. 10 the Red Squirrel has been chasing through the tops of the oaks. Landed against Lois window overlooking the pine, and came down with a thud in window box. When she looked out, nothing there. Having had a long clear at Robin a few nights before (startled is better) (-ler description - my conclusion) The apples and bread on the platter at the bird table has not been touched which shows pretty conclu-

(Oct. 1 cont.)
since that the skunks has not been about -
Sept. 22 - 2 in of snow reported at Donner - Sierra Club Camp -
Sept. 23, 24, Hermit, Sc
Sept 23 & 24 Spotted Towhee back at pool -
" 24 Schaeph Flick.
Mon - Sept. 25. W.-W. Wren calling
5.55 p.m. with bronken wing - another near by.
Sept 26. W. Flycatcher near N. W. porch -

Oct. 2
Oct. 4 W.-W. Wren at pool, R-c Kinglet, a.m.-p.m. Pool: Bush-tits, Townsend Warbler (yellow throat), Hermit Thrush (lifted tail), Virgin's Wren under edge of pool catching drops sprayed by Bush-tits - Calif. jays in oaks -

Oct. 5 R-c & Kinglet, Bush-tits, Townsend Warblers, Song Sp. (one with broken wing), Flicker calling, Titmouse, W.-W. Wren, Calif. Jay. Red Squirrel.
Hermit Thrushes - two, answering each other -
Oct. 6 P.M. in garden - Golden-crowned Kinglets
Oct. 6. Hermit Thrushes at lower (west) pool -
Oct. 7. Hermit Thrushes " " "
Flicker calling - Bush-tits
Oct. 8. Steller jays - Varied Thrush (J. Tr.)
Miss Abbs reported Fox Sparrow on Sept. 1. Hermit Thrush at E. pool took 3 minute bath.
Oct. 12. In Hamilton Canyon - nothing unusual - Steller Jay, Flicker, Br. Towhee,

Oct-12. Hamilton Canyon (contin) Spotted Towhee Sisikiis (large flocks), Linnets, Purple Finch, Gc. Sparrows, White-crowned (Gambelii?) Calif. Jay, Wren-tit, Virgin Wren, Goldfinches, Hutton Vireo.

Oct. 13. At pool: (5 kinds Wash. & Oregon) 2 Wren-tits, 6-8 Townsend Warblers, 6 Ruby-cr Kinglets (one raised crest), ~~6-8~~? Golden-crowned Kinglets - when they lifted their crests the center was brilliant gold - first time I have ever seen them at the bath - 1 Hutton Vireo, 15-20 Bush-tits, No thrushes, 2 Song Sparrows, one with broken wing; Juncos, Spotted Towhees, drank by running its tongue along leaf - (Mrs. Carlson described both flicker and Calif. Woodpecker (yellow on throat.) Flicker at tip of redwood tree at 29 Mosswood Rd. For four preceding nights Horned Owls answering each other. Last Oct. 11 - Screech Owl -

I named animals

Oct. 13. p.m. At Aquatic Park: 15 + American Egrets, many Bonaparte Gulls, a few Forster Terns - Did not find Jaeger (seen by Hope Gladding last week)

Oct 14. 12 grown quail on Mosswood Rd. above the house. Golden-crowned Kinglets and Townsend Warblers at the pool.

Oct. 15. Spotted Towhee, Song Sparrow, flock of Bush-tits, Hermit Thrush, Townsend Warblers at pool - Br. Towhee heard of the seldom seen

Oct. 17. Red breasted Nuthatch in redwood at 29 Mosswood (J.T.C.),
Oct. 18. Specimen of Golden-crowned Kinglet picked up at 31 Mosswood Rd. Took it to M.V.Z.
Oct. 19. W. Winter Wren singing at pool.
3 Hermit Thrushes at pool at one time.
Fox Sparrow seen - first time.
2 H. Horned Owls calling further up canyon
Townsend Warbler at pool and Hutton Vireo, Ruby-crowned Kinglet, Sp. Towhee.
Oct. 20 Lightning and thunder 8 a.m.
W. Winter Wren feeding on bugs on the edge of the pool. H. Thrush bathing -
Flicker alighted on dead branch in front of E. window - Quail calling at 49 Mosswood Rd.
Oct. 21. Pair of Hutton Vireos alighted on feeding branches W. W. Wren heard 10 a.m.
Oct. 22. Pair of Brown Towhees came to pool. Also Sp. Towhees, Song Sp., Townsend Warbler 4 Hermit Thrushes at once. Tolerance Flicker and V. Wren calling. At noon a Flicker alighted on porch railing off living room.
Oct. 23. Flicker drinking from east pool. Townsend Warbler, R-c. Kinglet, Hermit Thrush. Apple on feeding branch eaten out clean. Flicker at suet
Bush tits in E. pool. H. Horned Owl calling.
Oct. 24. 2 Hermit Thrushes in pool, R-c. Kinglet singing, Brown pool, Bush tits talking. V. Wrens singing at dawn, also later.

Oct -25; Gt. Horned Owls calling. Hermit Thrush chases 3 mice, Tow. Warbler away from pool. Br. Towhee, flocks of Bush-tits R-c. Kinglet at pool. A pair of Flickers on oaks above the pool; one backed down probing for insects - Tuftmouse, H. Thrush singing. Toward noon seven species at pool. Lots save Redtails soaring over 72 Panoramic.

Oct. 26. Gt. Horned Owls calling on night -
3 Hermit Thrushes, R-c and G-c. Kinglets, Bush-tits, Br. Towhee, Sp. Towhee, 3 song Sp. at pool - 2 Flickers on oaks above pool. Lois put out cotoneasters berries and crab apples for birds - Campus p.m. - Nuttall's Sparrows, R-c. Kinglet singing, Hutton Vireo calling - Hawks (Cooper's & S-sh.) flew in front west of campus to Agriculture Bldg. Many oak moths on windows at night -

Oct. 27. Screech Owl heard. W.W. Wren at pool early. Fox Sparrow eating crab apples on feeding branch - Hermit Thrush heard singing - also chasing other birds at pool. Birds still very abundant

Oct. 28. Everything at pool at noon: Bush-tits, R-c Kinglet, Tow. Warbler, Her. Thrush, etc.

Oct 29 - Sunday. W.W. Wren at pool, G-c. Kinglet at pool, Bush-tits, Her. Thrush, R-c. Kinglet, Tow. W. Flicker.

Oct 30. 4 R-c. Kinglets in oak overhanging N.W. porch Ruby (?) Kinglet, Her. Thrush, Flicker, Br. Towhee

Oct. 31. Cloudy, very wet after night of rain. Her. Thrush, Ruby Kinglet, R-c Kinglet, Jays, Flicker, dead V. Wren on front porch at noon.

Nov 8 Birds at Noon

2 Flicker on bird by porch,
3. Cedar Jays in top of oaks
and walk, Eastern towhee,
Brown thr - large flock,
11. Hermit (1), R. Crowned Kinglet
very abundant, G. C. "
2 at porch, T. Warbler,
B. Thrasher, Sp Towhee,
Junco, 1 Jay 5 parrots
flocked & [illegible], Later
2 wrentits. Afternoon
heard Hermit Thrush by
by [illegible] at 9 A.M.

Nov 9 Very [illegible]
[illegible] - Hermit
Nov 10 - Strong [illegible] B.C
Jay [illegible] at 8:30
[illegible]
[illegible]
Brown Thr. R. Cr. Kinglet

Saw R.C. Knight stand
a long / read up under
trees, Bro Jones went
in [illegible]
Eve saw a pr on knees
with [illegible]
[illegible]
[illegible] Int Sem Day - paid
on newspaper to be
Nov 8/10
[illegible] Daniel Thurber
[illegible]
Nov 11
[illegible]

Nov 12 [illegible]
[illegible]

Nov 13 Squirrels [illegible]
[illegible] seen being
watched by a tiny mouse - when

also [illegible] hospitals
[illegible] hospitals recruitment.

Monday November 13 (?)

Cleaning the house
and [illegible] Robins
[illegible] church [illegible]

Tuesday. Nov. 14
Lois saw Hark [illegible] 80 [illegible]
[illegible] M.C. Kemper, [illegible] Gen
Kemper. Hark [illegible] [illegible]
at 8:30 A.M. [illegible] entrance
[illegible] gardens — Served
by [illegible] Kemper [illegible]
[illegible] [illegible] [illegible]
[illegible]

Nov. 15: [illegible]
Routine —

Nov. 1. Screech owl outside kitchen last night-
Fox Sp. on apples. Hermit Th. calling.
Nov. 11 a.m. Ruby-cr. and G-c. Kinglets, Bush-tits
Townsend Warbler, V. Wren, Song Sp., S Sp. Towhee
Fox Sp., Hermit Thrush. Birds very ab.
in trees all around the house. Rain
Nov. 2. Screech Owl in early morning (4:30 a.m.)
and in early evening gave tremolo.
Birds less ab than yesterday - Rain
First birds heard a.m. - V. Wren, Wren-tit,
H. Thrush. Water at pool Bush-tits, Ruby-cr.
Kinglet came alone, showed crown when
bathing - Heard flicker and jay - Birds
decreasing - 8 a.m. Rain in Oakland. Cloudy Redcliff
Nov. 3 - Hermit Th. bathing 8 a.m. - R-c Kinglet
and 2 G-c Kinglets alone at pool bathing
at 10 a.m. - all showing crowns - Titmouse
bathing.
Nov. 4 - Wren-tit singing, Titmouse, Bush-tits -
Cloudy, beginning to clear. J. T. Th. saw
groups of birds outside kitchen window noon-
Nov. 6. ~~8 a.m.~~ 4 p.m. Rain. 8 a.m. Bush-tits, Sp. Towhee,
in tree near pool - B. Towhee calling very
early. Jays calling, R-c Kinglet singing
at 9:30, Fox Sparrow eating potato
from table.
Nov. 7. Flicker calling, Bush-tits in oaks. Wren
at pool 1 Town. W., Fox Sparrow, 5 Juncos -
Brown Towhee ~~outside~~ near living room window
at dusk - (Must roost there)

B&P № 6571